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RESULT 1 BE894837 LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM REFERENCE AUTHORS			c 812 c 813 c 814		C 807	804		c 799 c 800										c 777		c 773		c 769	c 766 767	c 764 765
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BE894837 601434018F1 NIH_MGC mRNA sequence. BE894837 BE894837.1 GI:1035 EST. Homo sapiens (human) Homo sapiens Eukaryota; Metazoa; Mammalia; Eutheria; 1 (bases 1 to 35) NIH-MGC http://mgc.1		.4 0.2 17 1 .4 0.2 17 1 .4 0.2 17 1	.4 0.2 16 1 .4 0.2 16 1	.4 0.2 15 1 .4 0.2 16 1	.4 0.2 14 1 .4 0.2 14 1 .4 0.2 15 1	.6 0.2 26 1	.8 0.2 27 1 .6 0.2 21 1	.8 0.2 17 1 .8 0.2 18 1	.8 0.2 17 1 .8 0.2 17 1 .8 0.2 17 1	.8 0.2 17 1 .8 0.2 17 1	.8 0.2 17 1 .8 0.2 17 1	.8 0.2 1/ 1 .8 0.2 17 1	.8 0.2 17 1 .8 0.2 17 1	.8 0.2 16 1 .8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	12.8 0.2 16 1	12.8 0.2 16 1	12.8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	3.2 0.2 19 1 13 0.2 16 1	3.2 0.2 18 1 3.2 0.2 18 1
BE894837 601434018F1 N mRNA sequence BE894837 BE894837.1 G EST. Homo sapiens Homo sapiens Eukaryota; Me Mammalia; Eutt 1 (bases 1 t NIH-MGC http:	ALIGNMENTS	.4 0.2 17 1 AW25078 .4 0.2 17 1 CF29725 .4 0.2 17 1 CF29834	.4 0.2 16 1 .4 0.2 16 1	.4 0.2 15 1 .4 0.2 16 1	.4 0.2 14 1 .4 0.2 14 1 .4 0.2 15 1	.6 0.2 26 1	.8 0.2 27 1 .6 0.2 21 1	.8 0.2 17 1 .8 0.2 18 1	.8 0.2 17 1 .8 0.2 17 1 .8 0.2 17 1	.8 0.2 17 1 .8 0.2 17 1	.8 0.2 17 1 .8 0.2 17 1	.8 0.2 1/ 1 .8 0.2 17 1	.8 0.2 17 1 .8 0.2 17 1	.8 0.2 16 1 .8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	12.8 0.2 16 1	12.8 0.2 16 1	12.8 0.2 16 1	.8 0.2 16 1 .8 0.2 16 1	3.2 0.2 19 1 13 0.2 16 1	3.2 0.2 18 1 3.2 0.2 18 1

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RESULT 2
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                                                                                                                                                                                                                                                                                                                                                            Onpublished (1999)
Contact: Robert Strausberg, Ph.D.
Email: cgabbs-r@mail.nih.gov
Tissue Procurement: Life Technologies, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -
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                                                                                                                                                                                                             found through the I.M.A.G.E. Consortium/LLML at: http://image.llnl.gov plate: LLAW11472 row: o column: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                           Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 36)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)
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603048772F1 NIH_MGC_116 Homo
mRNA Becmana
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CDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be
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High quality sequence stop: 35.
Location/Qualifiers
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                                                                                                                                                                                             High quality sequence stop: 36.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            National Institutes of Health, Mammalian Gene Collection (MGC) Unpublished (1999)
                                                                                                                                                                                                                                                                          CDNA Library Preparation: Life Technologies, Inc. CDNA Library Arrayed by: The I.M.A.G.B. Consortium (LLNL) DNA Sequencing by: Incyte Genomics, Inc. Clone distribution: MGC clone distribution information can
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/lab_host="DH108 (phage-resistant)"
/clone_lib="NH MGC_72"
/clone_tib="NH MGC_72"
/note="Organ: skin; Vector: pGMV-SPORT6; Site_1: NotI;
Site_2: SalI; Cloned unidirectionally. primer: Oligo dT.
Sycage insert size 2 kb. Library constructed by Life
/lab_host="DH10B"
/clone_lib="NIH_MGC_116"
/note="Organ: pooled_colon,
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/mol_type="mRNA"
/db_xref="taxon:9606"
                                                               /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:5189224"
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                                                                                                                             organism="Homo sapiens"
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oryza sativa (japonica cultivar-group)
pukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 34)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Nahm B.H.
Genomics and Genetics Institute, of Bioscience and Bioinformatics,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         library (HD) Oryza sativa (japonica cultivar-group) cDNA clone HD--04-G09, mRNA sequence. CF315464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HD--04-G09.bl OsHDAC1-overexpressing transgenic rice plasmid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CF315464.1 GI:33687225
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Similarity 82.9%;
                                                                     Similarity
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                                                                                                                                                             /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                           /clone lib="OsHDAC1
cDNA library (HD)"
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                                                                                                                                                                                                                                                                     /dev stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone_lb="OsHDAC1-overexpressing transgenic rice plasmid
                                                                                                                                                                                                                                                                                                                                                      tissue_type="callus"
                                                                                                                                                                                                                                                                                                                                                                                  clone="HD--04-G09"
                                                                                                                                                                                                                                                                                                                                                                                                     db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Oryza sativa (japonica cultivar-group)
                                                                  0.5%;
                                                                  Score 25;
Pred. No.
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Pred. No. 34;
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                                                                                           DB 1;
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Habermann,B., Bebin,A.G., Herklotz,S., Volkmer,M., Eckelt,K.,
Pehlke,K., Epperlein,H.H., Schackert,H.K., Wiebe,G. and Tanaka,E.M.
An Ambystoma mexicanum EST sequencing project: Analysis of 17,352
expressed sequence tags from embryonic and regenerating blastema
Alonso,J.M., Leisse,T.J., Barajas,P., Chen,H., Cheuk,R., Gadrinab,C., Jeske,A., Karnes,M., Kim,C.J., Parker,H., P. Shinn,P., Zimmerman,J. and Ecker,J.R.
A Sequence-Indexed Library of Insertion Mutations in the
                                                                                                      Arabidopsis thaliana

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                           GSS.
                                                                                                                                                                                                                                           survey sequence.
CC887678
CC887678.1 GI:33364034
                                                                                                                                                                                                                                                                                                         CC887678 32 bp DNA linear GSS 31-JUL-2003 SALK_150577.31.20.x Arabidopsis thaliana TDNA insertion lines Arabidopsis thaliana genomic clone SALK_150577.31.20.x, genomic
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Plate: BL284A row: 08 column:
Seq primer: GCA CAT TAG GCC TAT
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Amphibia; Batrachia; Caudata; Salamandroidea; Ambystomatidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dresden
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/db_xref="taxon:8296"
/tissue_type="Tail Blastema"
/tissue_type="Tegenerating tail
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/mol_type="mRNA"
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37;
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Best Local Similarity
Matches 27; Conserv
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Smulian, A.G., Arnold, J., Weise, M., Wunderlich, J.,
Edman, J.C., Kovacs, J. and Cushion, M.
Expressed sequence tags from Pneumocystis carinii
Unpublished (2000)
Contact: Staben C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Salk Institute Genomic Analysis Laboratory (SIGnAL) The Salk Institute for Biological Studies 10010 N. Torrey Pines Road, La Jolla, CA 92037, USA Tel: 858 453 4100 x1752 Fax: 858 558 6379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pneumocystis carinii
Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
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Unpublished (2001)
Contact: Joseph R. Ecker
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S32D4 AGS-1 Pneumocystis carinii cDNA
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101 Morgan Building, U
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 606 257 2161
Fax: 606 257 1717
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Location/Qualifiers
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/db xref="taxon:3702"
/db xref="taxon:3702"
/clone="StAIK 150577.31.20.x"
/clone="FCR was performed on Arabidopsis thaliana lines /note="PCR was performed on Arabidopsis thaliana lines each of which contains one or more TDNA insertion elements. The resultant fragment for each line was directly sequenced to determine the genomic sequence at the site of insertion. Details of the protocols used cat the site of insertion.
/Clone lib="AGS-1"
/clone lib="AGS-1"
/note="Vector: Lambda ZAP II; Site 1: EcoRI; Site 2: Xho
/note="Vector: Lambda ZAP II; Site 1: EcoRI; Site 2: Xho
/note="Vector: Lambda ZAP II; Site 1: EcoRI; Site 2: Xho
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/note="Vector: Lambda ZAP II; Site 2:
                                                                                                                                                                                                                                                   /organism="Pneumocystis
/mol_type="mRNA"
/db xref="taxon:4754"
/lab_hest="E. coli"
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|mol_type="genomic DNA"
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Genomics and Genetics Institute, GreenGene Biotech Inc., Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                          Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
Contact: Nahm B.H.
                                                                                                                   Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Bhrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 33)
                                                                                                                                                                                                            CF334899
CF334899.1 GI:33818141
EST.
                                                                                                                                                                                                                                          Molekulare Pflanzengenetik
MpI fuer Zuechtungsforschung
Carl-von-Linne Weg 10, D-50829,
Location/Qualifiers
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Zachgo,S., Stueber,K., Saec
Antirrhinum EST collection
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AJ791147 Antirrhinum majus whole 018 207 001, mRNA sequence. AJ791147 A GI:51061240 EST.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Schwarz-Sommer Z
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Anti
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /clone="018_2_07_001"
/tissue_type="whole plant"
/clone_Tib="Antirrhinum maj
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Antirrhinum majus"
/mol_type="mRNA"
/db_xref="taxon:4151"
                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.4%;
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Pred. No. 45;
0; Mismatches
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Pred. No. 43
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                                                                                                                                                                                                                                                                                                  EST 18-AUG-2003
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AUTHORS
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VERSION
KEYWORDS
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AZ586641
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Best Local (
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                                                                                                                                                                                             Class: plasmid ends
High quality sequence stop: 33.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 33)
                                                                                                                                                                                                                                                            Plate: 0392 row: N column: 08
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0392 row: N column: 08
                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     plasmid inserts
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1M0392N08R Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC1M0392N08 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                     Rm. 308,
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Location/Qualifiers
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Similarity 84.4%;
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82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /tissue_type="leaf"
/dev stage="14 days after germination"
/lab_host="E.coli DH108"
/clone lib="AtUMT-overexpressing transgenic rice plasmid cDNA library (JMT)"
/lab_host="E. Coli strain XL10-Gold, T1-resistant,
/clome_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv, Purified genomic DNA from !
                                                                                                                /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                               /db_xref="taxon:10090"
/clone="UUGC1M0392N08"
                                                            Bex="Male"
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/clone="JMT--04-F19"
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/cultivar="Nackdong"
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Pred. No. 47;
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Query Match
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Query Match
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Matches 27; Conserv
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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33 bp mRNA linear EST 14-AUG-2003
14ROOT--02-B21.b1 Rice root plasmid cDNA library (14ROOT) Oryza
sativa (japonica cultivar-group) cDNA clone 14ROOT--02-B21, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  sequence.
CF291613
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82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNH42 (gil 4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                           bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                 /organism="Oryza sativa (japonica cultiva /mol_type="mRNA"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="14ROOT--02-B21"
/tissue_type="root"
/dev_stage="14 days after germination"
/lab_host="E.coli_DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kyeonggi, Korea
                                                                                                                        /clone lib="Rice root plasmid cDNA library (14ROOT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Laboratory Mouse DNA Resource
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                     0.4%;
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Pred. No. 4
0
                     Score 23.4;
Pred. No. 5
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  Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                        (japonica cultivar-group)"
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6,
                                                Length 33;
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ACCESSION VERSION

KEYWORDS

RESULT 10 CF291613/c

DEFINITION

문 8

Matches

SOURCE ORGANISM

REFERENCE

AUTHORS

FEATURES

source

COMMENT

TITLE JOURNAL

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ACCESSION
VERSION
KEYWORDS
                                                                                                                                                                                                                                                                                      RESULT 12
CF326967/c
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AUTHORS
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CF311229/c
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Oryza Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaae; Oryza.

1 (bases 1 to 33)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Xim,J.K., Xim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Rukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 33)
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CF326967

ACL--01-E04.bl Rice callus plasmid cDNA library (NACL) Oryza sativa (japonica cultivar-group) cDNA clone NACL--01-E04, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Genomics and Genetics Institute, GreenGene Biotech Inc., Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355 Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
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ABF--06-F23.gl ABF3-overexpressing transgenic rice plasmid cDNA
library (ABF) Oryza sativa (Japonica cultivar-group) cDNA clone
                                                                                                                                                                                sequence.
CF326967
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/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="ABF--06-F23"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /tissue_type="leaf"
/dev stage="14 days after germination"
/lab_host="E.coil DH10B"
/clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"
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Pred. No. 56;
0; Mismatches
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Best Local S
Matches 27
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CF328313
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                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 33)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Lillopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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                                                                                                                                                                                                                                             Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Pax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                  Genomics and Genetics Institute, GreenGene Blotech Inc.; Division of Bloscience and Bioinformatics, MyongJi University
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EST.
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NACL--03-C14.g1 Rice callus plasmid cDNA library (NACL) Oryża
sativa (japonica cultivar-group) cDNA clone NACL--03-C14, mRNA
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: 82 31 330 6193
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Location/Qualifiers
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Location/Qualifiers
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/clone="NACL--01-E04"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_libe="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for
dev stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1; ECORI; mRNA was capped
                                                                           /db_xref="taxon:39947"
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/tissue_type="callus"
                                                                                                                                  /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 56;
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CF337105/c
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AUTHORS
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CF336752/c
LOCUS
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Best Local S
Matches 27
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Best Local Sim.
Matches 27;
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5393 AAAAAATACAAAAAAGAAAAAATGAAAATAAA 5425
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                  CP337105 33 bp mRNA linear EST 18-A JMT--07-G18.bl AtJMT-overexpressing transgenic rice plasmid library (JMT) Oryza sativa (Japonica cultivar-group) cDNA cl JMT--07-G18, mRNA sequence.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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CF337105
CF337105.1
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                  with oligoribonucleotides and then used as RT\text{-}PCR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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/clone="JMT--06-019"
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   GI:33822596
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Pred. No. 56;
O; Mismatches
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Pred. No. 56;
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Matches 27; Conserv
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                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 33)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1M0315P22F Mouse 10kb plasmid
clone UUGC1M0315P22 F, genomic
AZ486795
AZ486795.1 GI:10653918
GSS.
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0315 row: P column: 23
                                                                                                                           University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus (house mouse)
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                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                            Unpublished (2000)
Contact: Robert B.
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                                                                                                                                                                                                                                       plasmid inserts
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82 31 321 6355
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Location/Qualifiers
                                                                                                              USA
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/lab_host="E.coli DH10B"
/clone lib="AttNT-overexpressing transgenic rice plasmid
cDNA library (JMT)"
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/db_xref="taxon:39947"
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/tissue_type="leaf"
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81.8%; Pred. No. 56;
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  column: 22
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                      Std Error:
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                                             was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note=\overline{^{n}}Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, T1-resistant,
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /db_xref="taxon:10090"
/clone="UUGC1M0315P22"
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Length 33;
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Matches Query Match Best Local Similarity 5393 AAAAAAATACAAAAAAGAAAAAATGAAAATAAA 5425 33 27; AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1 Conservative 0.4%; 0; Score 23.4; DB 1; Pred. No. 56; 0; Mismatches 6; 6, 0 Gaps 0

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REFERENCE AUTHORS ACCESSION VERSION KEYWORDS RESULT 17 AZ627839/c SOURCE ORGANISM COMMENT DEFINITION TITLE JOURNAL Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 33)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R. AZ627839 33 bp DNA linear GSS 13-DEC-20 1M0474B02F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0474B02 F, genomic survey sequence. University of Utah Genome University of Utah Rm. 308, Biomedical Polyme Unpublished (2000) Contact: Robert B. Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Erro Plate: 0474 row: B column: 02 Mouse whole genome plasmid inserts Mus musculus Seq primer: CGTTGTAAAACGACGGCCAGT Tel: 801 585 5606 Fax: 801 585 7177 Mus musculus (house mouse) AZ627839.1 GI:11750125 USA Weiss scaffolding with paired end reads from 10kb Polymers Research Bldg., Std Error: 0.00 Center 20 <u>ა</u> 2030 GSS 13-DEC-2000 . M SLC,

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Best Local Similarity
Matches 27; Conserv
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                                                                                                                                                                                             Tel: 81-298-53-4664 Fax: 81-298-53-6614
                                                                                                                                                                                                                                                                                      Nucleic Acids Res. 32 (5), 1647-1653 (2004)
Contact: Hideko Urushihara
Institute of Biological Sciences
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High quality sequent
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                                                                                                                                                                                                                                                                    University of Tsukuba
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Maeda,M., Williams,J.G., Takeuchi,I. and Tanaka,Y.
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                                                                                                                                                                                                                                                                                                                                                                                      Analyses of cDNAs from growth and slug stages of Dictyostelium
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1 (bases 1 to 31)
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMP42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coil XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                              Tennoudai,
                                                                                                                                             hideko@biol.tsukuba.ac.
Location/Qualifiers
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/db_xref="taxon:10090"
/clone="UUGC1M0474B02"
                                                organism="Dictyostelium
/mol_type="mRNA"
/strain="AX4"
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/clone_lb="Mouse_10kb_plasmid_UUGC1M_library"
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/db_xref="taxon:44689"
/clone="VSH836"
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                                                                                                                                                                                                                                        Tsukuba, Ibaraki 305-8572, Japan
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AW327277
LOCUS
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                                                                                                                                                  CF291773 32 bp mRNA linear EST 14-AUG-2003 14ROOT--02-F12.b1 Rice root plasmid cDNA library (14ROOT) Oryza sativa (japonica cultivar-group) cDNA clone 14ROOT--02-F12, mRNA
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        cDNA Library Preparation: Edge BioSystems
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: NIH Intramural Sequencing Center (NISC)
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
Plate: LLCM0028 row: G column: 13
Seq primer: -21M.3 forward primer (ABI).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 32)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AW327277 32 bp mkNA Illegs 2016 5', mRNA dq01d07.x1 NIH_MGC_2 Homo sapiens cDNA clone IMAGE:2846628 5', mRNA
                                                                                               CF291773.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: cgapbs-remail.nih.gov
Tissue Procurement: ATCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens (human)
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AW327277
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Similarity 86.2%;
25; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Edge BioSystems.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone="IMAGE:2846628"
/tissue_type="T cell leukemia"
/cell_line="MGC2"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /dev_stage="vegetative"
/clone_lib="VS"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone_lib="NIH_MGC_2"
note="Organ: Blood; Vector: pOTB7a; Library prepared by
                                                                                               GI:33660806
                                                                                                                                                                                                                                                                                                                                                                            0.4%;
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Pred. No. 72;
0; Mismatches
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Pred. No. 65;
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RESULT 21
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AUTHORS
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Matches 26
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JOURNAL
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magmoliophyta; Lillopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)

Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 32)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 700
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CF299386.1 GI:33671147
EST.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                               bhnahm@ggbio.com, bhnahm@ggbio.com, bhnahm@ggbio.com, bhnahm@gbio.com, bhnahm@ggbio.com, bhnahm@gbio.com, bhnahm@ggbio.com, bhnahm@ggbio.c
/db xref="taxon:39947"
/clone="7LEAF--03-G07"
/tissue_type="leaf"
/dev stage="7 days after g
/lab_host="E.coli DH10B"
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/dev stage="14 days after germination"
/lab_host="E.coii DH10B"
/clone lib="Rice root plasmid cDNA library (14R00T)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
/mth_oligoribonucleotides and then used as templates for
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/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                             organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 72;
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                                                                                                                                                                                                                                                                        (japonica
                                           germination"
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                                                                                                                                                                                                                                                                        cultivar-group) "
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RESULT 23 CF309345/c

DEFINITION

CP309345
ABF--03-I03.b1 ABF3-overexpressing transgenic rice plasmid CDNA
library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
ABF--03-I03, mRNA sequence.

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REFERENCE AUTHORS ACCESSION VERSION KEYWORDS RESULT 22 CF309233 COMMENT SOURCE FEATURES DEFINITION Query Match Best Local S Matches 26 TITLE JOURNAL Matches Query Match Best Local source Local Similarity 5393 AAAAAAATACAAAAAAAGAAAAAATGAAAAATAA 5424 5393 AAAAAAATACAAAAAAGAAAAAATGAAAAATAA 5424 32 26; 1 (bases 1 to 32)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003) EST.
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group) CF309233 32 bp mRNA linear BST 15-AUG-2003 ABF--03-F14.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone ABF--03-F14, mRNA sequence. 26; Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza. Yongin, Kyeonggi, Ko Tel: 82 31 330 6193 Fax: 82 31 321 6355 Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University CF309233.1 GI:33680994 CF309233 o.4%; Similarity 81.2%; **АДАДАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛА** 32 Conservative Conservative bhnahm@ggbio.com, bhna Location/Qualifiers /note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression line." /clone_lib="Rice leaf plasmid cDNA library II (7LEAF)" /note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was cappe with oligoribonucleotides and then used as templates fr RT-pCR." /tissue_type="leaf"
/dev stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)" /mol_type="mRNA" /cultivar="Nackdong" /db_xref="taxon:39947" organism="Oryza sativa (japonica cultivar-group)" 'clone="ABF--03-F14" 0.4%; Korea 0; 0 Score 22.4; Pred. No. 72; Score 22.4; Pred. No. 72; bhnahm@bio.myongji.ac. Mismatches Mismatches DB 1; 멂 1; 6; Length 32; Length 32; Indels 0; 0 Gaps Gaps capped 0 0

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SOURCE
ORGANISM
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Best Local Similarity
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida, Poales; Poaceae;
Ehrhartoideae; Oryzaae; Oryza.

1 (bases 1 to 32)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                    1 (bases 1 to 32)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H.,

Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta,
Spermatophyta, Magnollophyta, Lillopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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32 bp mRNA linear I HD--01-P05.bl OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) o
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                    Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                               Genomics and Genetics Institute, of Bloscience and Bioinformatics, Yongin, Kyeonggi, Korea
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CF313717.1 GI:33685478
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EST.
                                                                                                                               Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                      HD--01-P05, mRNA sequence.
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  bhnahm@ggbio.com,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /tissue_type="leaf"
/dev stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression line."
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/mol_type="mRNA"
/cultivar="Nackdong"
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'clone="ABF--03-I03"
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Pred. No. 72;
0; Mismatches
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bhnahm@bio.myongji.ac.kr
                                                                                    GreenGene Biotech Inc.; Division, MyongJi University
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Plasmid cDNA
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JOURNAL COMMENT
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta, Liliopaida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                              Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            library (HD) Oryza sativa
HD--12-C15, mRNA sequence.
CF321046
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                                                                                                                                                                                                                                                                                                                                                               Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CF321046.1 GI:33692807
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/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab host="B.Coli DH10B"
/clone_lib="0sHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for lhr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression line."
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/lab_host="E.coli DH10B"
/clone_lib="OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                             /db_xref="taxon:39947"
/clone="HD--12-C15"
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/cultivar="Nackdong"
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Pred. No. 72;
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Query Match Best Local Similarity

0.4%;

Score 22.4; Pred. No. 72;

DB

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RESULT 27
CF331270/c
LOCUS
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CF328471/c
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AUTHORS
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VERSION
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Best Local
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
               Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzae; Oryza.
1 (bases 1 to 32)
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Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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CF328471
CF328471.1 GI:33805189
EST
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32 bp mRNA linear EST 18-AUG-2003
NACL--03-G09.bl Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--03-G09, mRNA
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                                                                                                                                                 sequence.
CF331270
CF331270.1 GI:33810751
                                                                                                                                                                                                                     CF331270 32 bp mRNA linear EST 18-AUG-2003
 Xin,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                       sativa (japonica
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone lib="Rice callus plasmid cDNA library (NACL)" /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonuclectides and then used as templates for RT-PCR."
 Jun, K.M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for
/lab_host="E_coli DH10B"
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/clone="NACL--03-G09"
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/mol_type="mRNA"
/cultivar="Nackdong"
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Cheong, P.J.,
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Kim, M.J.,
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 Lee, T.H.,
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 Shin, Y.C.,
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, X.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeenggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Contact: Nahm B.H.
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CF332296.1 GI:33812816
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhrahm@ggblo.com,
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/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="NACL--08-MO1"
/clone="waru - - - /clone="waru - - /clone="waru - - /clone | /clo
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/clone="NRCL-07-F08"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
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/mol_type="mRNA"
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Pred. No. 72;
O; Mismatches
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FAX: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.

Plate: 0031 row: N column: 05

Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Class: plasmid ends
High quality sequence stop: 32.
Location/Qualifiers
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GSS.
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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli xL10-Gold (Stratagene) cells and colored for ambicillin resistance.
                                                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The edaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                        /lab_host="E. Coli strain XL10-Gold, TI-resistant, P-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         db_xref="taxon:10090"
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Pred. No. 72;
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AZ459536/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     26;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Class: plasmid ends
High quality sequence stop: 32.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0264 row: M column: 16
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
Pax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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Unpublished (2000)
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 32)
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http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance.
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                 Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        'lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            clone="UUGC1M0264M16"
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Pred. No. 72;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0285 row: F column: 14
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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igh quality sequence stop: 32.
Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi 4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pW042nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="Male"
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/strain="C57BL/6J"
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/mol_type="genomic DNA"
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Pred. No. 72;
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Query Match

0.4%;

Score 22.4;

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Length 32;

Query Match Best Local Similarity

0.4%;

Score 22.4; Pred. No. 72;

DB 1;

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SOURCE
ORGANISM
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Matches 26; Conserva
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Inmert Length: 10000 Std Error: (
Plate: 0438 row: E column: 02
Seg primer: CACACAGGAAACAGCTATGACC
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Unpublished (2000)
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  clone UUGC1M0438E02 R, genomic survey sequence.
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                                                              was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt end-sified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA and transformed into
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Strand selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Mus musculus (house mouse
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Insert Length: 10000 Std Error: (
Plate: 0012 row: O column: 20
Seg primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Niederhausern, A. and Wright, D., Weiss, R. Nobels, R. Niederhausern, A. and Wright, D., Weiss, R. Niederhausern, A. and Wright, A. Niederhausern, A. a
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Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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32 bp DNA linear GSS 16-FEB-200
2M0012020R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0012020 R, genomic survey sequence.
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Contact: Robert B. Weiss
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Location/Qualifiers
0.4%;
ilarity 81.2%;
Conservative
                                                                                                    (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
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                                                                                                                                                             Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalla; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 28)

Hillier, L., Lennon, G., Becker, M., Bonaldo, M. F., Chiapelli, B., Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Chissoe, S., Dietrich, N., Kucaba, T., Lacy, M., Le, M., Le, N., Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Hawkins, M., Moore, B., Mortis, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     756352
28 bp mRNA linear EST 06-FEB-1997b34C09.81 Stratagene fetal sense (#937205) Home sapiens cDNA clone IMAGE:73072 3' similar to similar to gb:S41458 ROD CGMP-SPECIFIC 3',5'-CYCLIC PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Submitted (14-NOV-2002) The Sanger Institute, Wellcome Trust Genome Campus, Hinxton, Cambridgeshire, CB10 1SA, UK. B-mail contact: humquery@sanger.ac.uk Unpublished
This sequence was generated from the T7 end of BAC 85L21. 85L21 is part of the Daniokey BAC Library created by R. Plasterk and N.V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Actinopterygii; Neopterygii; Teleostei; Ostariophysi; Cyprinformes; Cyprinidae; Danio.
1 (bases 1 to 32)
1 Humphray, S.J., Huckle, B. and Hunt, S.B.
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Further details: http://www.sanger.ac.uk/Projects/D_rerio/.
Location/Qualifiers
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Danio rerio
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                                                                                   Generation and analysis of 280,000 human Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                              and Marra, M.
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     Contact: Wilson
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/db_xref="taxon:7955"
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                                          Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0261 row: I column: 24
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                  Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 30)
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AZ458127.1 GI:10616252
GSS.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            High qality sequence starts: 1 High qality sequence stops: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 314 286 1800
Fax: 314 286 1810
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                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)
                     ass: plasmid ends
gh quality sequence stop: 30.
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/note="Organ: spleen; Vector: pBluescript SK-; Site_1:
/note="Organ: spleen; Vector: pBluescript SK-; Site_1:
/note="Cond unidirectionally." Primer:
Oligo dT. Pooled spleens. Average insert size: 1.0 kb;
Uni-ZAP XR Vector; ~5' adaptor sequence: 5' GAATTCGGCACGAG
3' ~3' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTTT 3'"
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/tissue_type="fetal spleen"
/dev_stage="fetal"
Location/Qualifiers
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/db_xref="GDB:494737"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ab_host="SOLR cells (kanamycin resistant)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.4%;
                                                                                                                                                                                                                           Polymers Research
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 22.2;
Pred. No. 65;
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BQ591372/c
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Best Local Similarity
Watches 25; Conservi
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                                                                            FEATURES
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MEDLINE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BQ591372 31 bp mRNA linear EST 06-DEC-
E012712-024-017-I15-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA Clone 024-017-I15 3-PRIME, mRNA sequence.
                                                                                        Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                   Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
                                                                                                                                                                                                               Carl-von-Linne Weg 10, 50829 Koeln,
                                                                                                                                                                                                                                                                   Contact: Weisshaar B
ADIS DNA core facility at MPIZ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Beta vulgaris
Beta vulgaris
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BQ591372
BQ591372.1 GI:26120955
                                                                                                                                                                                                                                               Max-Planck-Institute
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
/organism="Beta vulgaris"
/mol_type="mRNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /lab host="E. Coli strain XL10-Gold, Tl-resistant, /clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42ny; Purified genomic DNA from N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0261I24"
                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.4%;
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Pred. No. 75;
0; Mismatches
                                                                                                                                                                                                                                            for Plant Breeding Research
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
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Best Local Similarity
Matches 25; Conserv
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                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606

Fax: 801 585 7177

Emmil: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.

Plate: 0410 row: K column: 08

Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 31)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     31 bp DNA linear GSS 13-DEC-200 1M0410K08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0410K08 R, genomic survey sequence AZ59704K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Rm.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SSS
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AZ597046.1 GI:11719236
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                    quality sequence stop: 31.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wecttor: PWD42TNY; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
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RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/lab_host="EMDH10B"
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/db_xref="taxon:161934"
/clone="024-017-I15"
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                                                                                                                                  /clone="UUGC1M0410K08"
                                                                                                                                                             /db_xref="taxon:10090"
                                                                                                                                                                                                                                   organism="Mus musculus"
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                                                                                                         sex="Male"
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Pred. No. 77;
                                                                                                                                                                                                                                                                                                                                                                                                                      Std Error: 0.00
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RESULT 38 AZ597046

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> > 5393 AAAAAAATACAAAAAAGAAAAAATGAAAAT 5422

2 AAAAAAAAAAAAAAAAAAAAAAAAAAAA 31

Matches

Best

Local

REFERENCE AUTHORS

COMMENT

JOURNAL TITLE

FEATURES

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Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity 83.3%;
                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwd42 (gi 4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
Conservative
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                                                                0.4%;
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                              Score 22; DB 1;
Pred. No. 77;
Mismatches
5
                                                            Length 31;
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REFERENCE
AUTHORS
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H68053/c
LOCUS
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ORGANISM
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VERSION
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                                                                                                               FEATURES
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MEDLINE
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                                                                                     source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chiasee, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, B., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, B., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.
                                                                                                                                                                                       High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LINL
This clone is available royalty-free through LINL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 653 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Generation and analysis of 280,000 human expressed sequence tags
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens
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28 bp mRNA linear EST 18-OCT-199: yr74f04.rl Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:211039 5' similar to gb:J04970 CARBOXYPEPTIDASE M PRECURSOR
                                                                                                                                                                   Seq primer: M13RP1
                                                                                                                                                                                                                                                                                                                                                                                      Email: est@watson.wustl.edu
Insert Size: 653
                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   and Marra, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
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                                                                                                            quality sequence stop: 1.
Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3783880"
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REFERENCE
AUTHORS
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AZ825156
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (2000)
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                                                                                       Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0100 row: N column: 08
                                                                                                                                                                                                                                                                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ825156 29 bp DNA linear GSS 20-FEB-200
2M0100N08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0100N08 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                             quality sequence stop: 29.
Location/Qualifiers
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                                                                                                                                                                                                     /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/lab_host="DH10B (ampicillin resistant)"
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                                                                                                                                                                    /db_xref="taxon:10090"
/clone="UUGC2M0100N08"
                                                                                                                                                 'sex="Male"
hydrodynamically sheared by repeated passage through a
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Pred. No. 78;
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SOURCE

VERSION

COMMENT

TITLE

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Query Match

Best Local Similarity
Matches 24; Conserv 5394 AAAAAATACAAAAAAGAAAAAATGAAAA 5421 **АЛДАДАЛАЛАЛАЛАЛАЛАЛАТАЛАЛ**А 28 Conservative 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0.4%; 0 Score 21.6; Pred. No. 81 Mismatches 81; В ۲, 4; Length 0 Gaps 0

JOURNAL COMMENT ACCESSION VERSION KEYWORDS RESULT 41 AU267300 REFERENCE FEATURES SOURCE DEFINITION Matches TITLE Query Match Best Local AUTHORS ORGANISM source 5397 AAATACAAAAAAGAAAAATGAAAATAAA 5425 24; Urushihara,H., Morio,T., Saito,T., Kohara,Y., Koriki,E., Ochiai Maeda,M., Williams,J.G., Takeuchi,I. and Tanaka,Y. Analyses of cDNAs from growth and slug stages of Dictyostelium discoideum Nucleic Acids Res. 32 (5), 1647-1653 (2004) Contact: Hideko Urushihara AU267300 VS Dictyostelium Dictyostelium discoideum Dictyostelium discoideum Fax: 81-298-53-6614 Email: hideko@biol.tsukuba.ac.jp Tel: 81-298-53-4664 University of Tsukuba Institute of Biological Sciences Eukaryota; Mycetozoa; Dictyosteliida; Dictyostelium AU267300.1 1-1-1 Tennoudai, Similarity Conservative /organism="Dictyostelium
/mol_type="mRNA"
/strain="AX4" /clone ocation/Qualifiers 'dev_stage="vegetative" 'clone_lib="VS" sex="mat A" 'db_xref="taxon:44689" 'clone="VSH345" GI:20526098 0.4%; Tsukuba, Ibaraki 305-8572, Japan <u>.</u> Score 21.6; Pred. No. 8; Mismatches 30 bp mRNA linear EST 26-APR-2004 discoideum cDNA clone VSH345 5', mRNA 84; discoideum" BB <u>ب</u> 0 0

RESULT 42 AZ443322

DEFINITION

AZ443322 30 bp DNA linear GSS 04-OCT-20-1M0237L20R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0237L20 R, genomic survey sequence.

linear

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RESULT 43
CF279536/c
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                                                                                                                                                                                                                                     5393 AAAAAAATACAAAAAAGAAAAAATGAAA 5420
CP279536 29 bp mRNA linear 14ETL--05-N22.gl Rice etiolated leaf plasmid CDNA Oryza sativa (japonica cultivar-group) cDNA clone mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Class: plasmid ends
High quality sequence stop: 30.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0237 row: L column: 20
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       84112, USA
Tel: 801 585 5606
Pax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedergen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 30)
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                                                                                                                                                                                                                                                                                                          Similarity
                                                                                                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resources (documents / dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNP042 (gil 4732114 [gb] AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                           and selected for ampicillin resistance.
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/strain="C57BL/6J"
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Pred. No. 84;
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library (14ETL)
14ETL--05-N22,
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sativa (japonica )
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                            Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Lillopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Nahm B.H.
Genemics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oryza sativa (japonica cultivar-group)
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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CF279536.1 GI:33656922
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                      bhnahm@ggbio.com, bhn
Location/Qualifiers
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonuclectides and then used as templates for RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli_DH10B"
/clone_lib="Rice etiolated leaf plasmid_cDNA_library
(14ETL)"
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|mol type="mRNA"
|cultivar="Nackdong"
|db xref="taxon:39947"
|clone="148TL-_05-N22"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29 bp mRNA linear EST 15-AUG-2003 Rice leaf plasmid cDNA library II (7LEAF) Oryza cultivar-group) cDNA clone 7LEAF--04-CO2, mRNA
                                                                                                                    Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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                                              bhnahm@bio.myongji.ac.kr.
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Gaps

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RESULT 45
CF312601
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AUTHORS
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Best Local Similarity
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABF--08-G22.g1 ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone ABF--08-G22, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF312601.1 GI:33684362
AAAAAAAAAAAAAAAAAAAAAAAAAA
                                    AAAAAAATACAAAAAAGAAAAAATGAAAA 5421
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                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
                                                                                                                                                          /clone="Abr--v-//issue_type="leaf"
/tissue_type="leaf"
/dev stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABP)"
/coll library (ABP)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mNNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive changed in transcription factor 3 overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /Cultivar="Nackdong"
/db xref="taxon:39947"
/db xref="taxon:39947"
/clone="TLEAF-04-CO2"
/tissue type="leaf"
/dev stage="7 days after germination"
/dev stage="7 days after germination"
/lab_host="E.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library II (7LEAF)"
/clone lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
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                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                 db_xref="taxon:39947"/clone="ABF--08-G22"
                                                                                               0.4%;
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               Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; Vitaceae; Vitis.

1 (bases 1 to 29)

Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F., Couture, C., Dedaldechamp, F., Denot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
Unpublished (2002)
Contact: Hamdi S.
UNR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CN545237 29 bp mRNA linear EST 30-
EST 17181 Green Grape Skin Triplex2 Library Vitis vinifera
clone B3CS00GL004G11 3', mRNA sequence.
                                                                                                                                                                                                              Vitis vinifera
Vitis vinifera
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CN546188.1 GI:46910813
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clone B3CS00RL009D04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
Email: s.hamdi@bordeaux.inra.
Seg primer: T7.
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Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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Unpublished
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    Avenue Edouard Bourleaux,

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /dev_stage="green stage"
/clone_lib="Green Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda Tripli
SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Vitis vinifera"

/mol type="mRNA"

/culTivar="Cabernet Sauvignon"

/db xref="taxon:29760"

/clone="B3CS00GL004G11"
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Vitis vinifera
Vitis vinifera
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                 France
Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
Email: s.hamdi@bordeaux.inra.fr
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
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UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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Universite de Bordeaux I, Institut National de la
Agronomique
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71, Avenue I
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/clone lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
SfiIA; Site_2: SfiIB; Oriented library"
/clone="bayoravary"
/dev_stage="green stage"
/clone_lib="Green Grape Berry Lambda Triplex2 Library"
/clone_lib="Green Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds, Vector: Lambda
/note: 
                                                                                                                                                                                                      /organism="Vitis vinifera"

/mol_type="mmAn"

/culfivar="Cabernet Sauvignon"

/db_xref="taxon:29760"
                                                                                                                                                                    clone="B3CS1XGB016D07"
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Vitis vinifera
Vitis vinifera
Vitis vinifera
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Spermatophyta; Magnollophyta; eudicotyledons; core eudicots;
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Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
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EST 18582 Ripe Grape Berry Lambda Triplex2 Library Vitis vinifera
CDNA Clone B3CS57RB007A03 3', mRNA sequence.
                                                                                                                CDNA clone B3CS58RB008C:
CN546557
CN546557.1 GI:46911182
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Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National
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Vitis vinifera
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/clone_lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
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/cultivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
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                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0150 row: D column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
Unpublished (2002)
                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 29)
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                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                       Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus musculus
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Universite de Bordeaux I, Institut National de la Recherche
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/clone_lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Vitis vinifera"
/mol_type="mRNA"
                 Location/Qualifiers
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/clone="B3CS58RB008C10"
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                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 018B row: G column: 12
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 29.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
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1M0188G12R Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC1M0188G12 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 29)
                                                                                                                                                                                                                              84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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organism="Mus musculus"
                                                  Location/Qualifiers
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strain="C57BL/6J"
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/mol_type="genomic DNA" /strain="C57BL/6J" db_xref="taxon:10090" clone="UUGC1M0188G12"

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IM0251R05R Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0251R05 R, genomic survey sequence.
AZ451930
AZ451930 GI:10608203
GSS.
                                                                                                                                                                Bmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0.551 row: E column: 05
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
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Pax: 801 585 7177
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Unpublished (20
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                            Class: plasmid ends
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
/organism="Mus musculus"
/mol_type="genomic DNA"
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Pred. No. 96;
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                                                                                                                                                                                          Email: ddunnøgenetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0281 row: G column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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1M0281G24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0281G24 F, genomic survey sequence.
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Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 29)
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AZ468402.1 GI:10626527
                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                            lass: plasmid ends
igh quality sequence stop: 29.
Location/Qualifiers
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/clone 11b="Mouse 10kb plasmid UUGCIM Library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C578L/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwm92 (gil4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                    USA
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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RESULT 55
AZ486793/c
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Best Local Similarity
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                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0315 row: N column: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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AZ486793.1 GI:10653915
GSS.
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                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Pax: 801 585 7177
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                                                                                                                                                                                                              Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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                              /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/db_xref="taxon:10090"
                                                                                                                                                   Location/Qualifiers
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Pred. No. 9
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COMMENT

JOURNAL TITLE

FEATURES

db_xref="taxon:10090"

REFERENCE

AUTHORS

SOURCE

KEYWORDS VERSION ACCESSION

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KEYWORDS
SOURCE
ORGANISM
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VERSION
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AZ661709/c
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                                                                                Bource
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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1M0540K20F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0540K20 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished (2000)
Contact: Robert B.
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Mus musculus (house mouse)
                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0540 row: K column: 20
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                                                                                                                                                                                Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
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                                                                                                  ocation/Qualifiers
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RESULT 57
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                                                                                                                                                                                   Tel: 801 585 5606

Pax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0026 row: I column: 13

Seq primer: CACACAGGAAACAGCTATGACC

Class: plasmid ends
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 29)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
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                                                                                                                                 quality sequence stop: 29.
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                                                                                                                                                                                                                                                                                                                                                                                                         Biomedical Polymers Research Bldg.,
                      /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                              organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               plasmid inserts
Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 29)
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                                                                                                                                                                                                                           High quality sequence stop: 29.
Location/Qualifiers
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Insert Length: 10000 Std Error: 0.00
Plate: 0068 row: I column: 02
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid RI. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells
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                                                                                                            /organism="Mus musculus
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                       db_xref="taxon:10090"
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'lab_host="E. Coli strain XL10-Gold, T1-resistant,
                                'sex="Male"
                                                          clone="UUGC2M0068I02"
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82.8%; Pred. No. 96;
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                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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2M0078J15R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0078J15 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                    Seq primer: CACACAGAAACAGCTATGACC Class: plasmid ends
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                 /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
                                                                                         /db_xref="taxon:10090"
/clone="UUGC2M0078J15"
                                                                /sex="Male"
                              lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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AUTHORS

KEYWORDS VERSION ACCESSION POCUS AZ812242 RESULT 59

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Matches

RESULT 60 AZ868731 ORGANISM DEFINITION Query Match
Best Local Similarity 82.8%; Matches source 5393 AAAAAATACAAAAAGAAAAATGAAAA 5421 24; Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 29) AZ868731 29 bp DNA linear GSS 21-FEB-200 2M0180L02R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0180L02 R, genomic survey sequence. 1 АДАЛААААААААААААААААААААААА plasmid inserts Unpublished (2000) High quality sequence stop: 29.
Location/Qualifiers Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: (Plate: 0180 row: L column: 02 Seq primer: CACACAGGAAACAGCTATGACC University of Utah Mus musculus Mus musculus (house mouse) AZ868731.1 GI:13072338 Class: plasmid ends Tel: 801 585 5606 Fax: 801 585 7177 Rm. 308, Contact: Robert B. Conservative USA 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a was hydrodynamically sheared by repeated passage through a was blunt end-repaired with T4 DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" /lab_host="B. Coli strain XL10-Gold, T1-resistant, F /clone_lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from M. /clone="UUGC2M0180L02" /sex="Male" db_xref="taxon:10090" Genome Center Weiss 0; Mismatches Score 21; DB Pred. No. 96; Std Error: 0.00 1: Length 29; T1-resistant, F-" GSS 21-FEB-2001 <u>,</u> Gaps S 0

VERSION KEYWORDS

ACCESSION

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REFERENCE

AUTHORS

COMMENT

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Query Match
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                                                                                                                                                                                                                                          Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                   to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smath, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CBLO 18A, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Trypanosoma brucei
Trypanosoma brucei
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AL491938
AL491938.1 GI:11868238
GSS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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                          Similarity
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                                                                                                                                                                                                                                                                                                                                                         Oxford University Press, 1999).
                                                                                              /organism="Trypanosoma brucei"
/mol_type="genomic DNA"
/strain="TREU927"
/db_xref="taxon:5691"
/clone="334g09"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/).
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SOURCE ORGANISM KEYWORDS

VERSION ACCESSION DEFINITION

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RESULT 61 TA334G09Q/c

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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 30)
Ottenwaelder, B., Obermaier, B., Mewes, H.W., Gassenhuber, J. and
                                                                                                                                                                                                                                                                                                      AL038650
DKFZp566I1846_r1 566 (synonym:
DKFZp566I1846, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 ЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛАЛА
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yuseng-gu, Daejeon 305-333, Korea (B-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-409) Tel:82-42-866-7181, Fax:82-42-860-409) Clones are derived from the chimpanzee BAC library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC clones are derived from the chimpanzee bac library RP-43 This BAC 
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
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Pan troglodytes
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R.Site 1 : EcoRI
R.Site 2 : EcoRI.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
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/db_xref="taxon:9598"
/clone="RP43-071806.T7"
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/mol_type="genomic DNA"
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DNA clone
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PUBMED COMMENT
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JOURNAL
COMMENT
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BG666435
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MEDLINE
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Best Local Similarity
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Unpublished (1999)
Contact: MIPS
                                                                                                                                                                                                                     Email: xu.zhang@ion.ac.cn
This clone is also available at Chinese National Human Genome
This clone is also available at Chinese National Human Genome
Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech
Pudong New Area, P.R.China. Please contact with Zhang Xu
(xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@chgc.sh.cn)
                                                                                                                                                                                                                                                                                                                   Laboratory of Sensory System
Institute of Neuroscience
320 Yue Yang Road, Shanghai 200031,
Tel: 86-21-64748700-121
Fax: 86-21-64713446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Xiao,H.S., Huang,Q.H., Zhang,F.X., Bao,L., Lu,Y.J., Guo,C., Yang,L., Huang,W.J., Fu,G., Xu,S.H., Cheng,X.P., Yan,Q., Zhu,Z.D., Zhang,X., Chen,Z., Han,Z.G. and Zhang,X. Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rattus norvegicus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BG666435
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DRACRC02 Rat DRG Library
                                                                                                                                                                                                         PCR PRimers
                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Zhang Xu
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                                                                                                                                 POLYA=No.
                                                                                                                                               Seq primer: T3
                                                                                                                                                                      BACKWARD: T7
                                                                                                                                                                                        FORWARD: T3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rattus norvegicus (Norway rat)
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/strain="Sprague-Dawley"
/db_xref="taxon:10116"
/clone="DRACRC02"
                                                    /organism="Rattus norvegicus"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone="DKFZp566I1846"
/tlssue_type="kidney"
/tlssue_type="fetal"
/dev_stage="fetal"
/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
                                                                                                           Location/Qualifiers
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_xref="taxon:9606"
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Pred. No. 9
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ne DRACRC02 5',
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REFERENCE
AUTHORS
TITLE
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BG865511
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KEYWORDS
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KEYWORDS
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                                                                                                   DEFINITION
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SOURCE
                                                                                                                                   CF280699/c
                                                                                                                     Pocus
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Best Local S
Matches 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.4%;
Best Local Similarity 82.8%;
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bource
                                                                                                                                                                                                                                        5393
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                                                                               CF280699 30 bp mRNA linear 14ETL--07-H15.bl Rice etiolated leaf plasmid cDNA Oryza sativa (japonica cultivar-group) cDNA clone
                                                                                                                                                                                                          _
                                                                                                                                                                                                                                                                        24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert Strausberg, Ph.D.
Email: cgapbe-r@mail.nih.gov
Tissue Procurement: Jeffrey E. Green, M.D.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
plate: LLAM10809 row: e column: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 30)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian
Unpublished (1999)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
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Oryza sativa (japonica cultivar-group)
                                 CF280699.1
                                                               mRNA sequence.
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                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  quality sequence stop: 30.
                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:10090"
/clone="IMAGE:4909811"
/clone="IMAGE:4909811"
/lab host="DH108 (T1 phage-resistant)"
/clone_lib="NCI_CGAP_SG2"
/note="Organ: salivary gland; Vector: pCMV-SPORT6; Site_1:
NotI; Site_2: SalI; Cloned unidirectionally. Primer: Oligo
dT. Average insert size 1.3 kb. Constructed by Life
Technologies. Note: this is a NCI_CGAP Library."
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/dev_stage="adult"
/clone_lib="Rat DRG Library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
/mol_type="mRNA"
/strain="FVB/N"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ocation/Qualifiers
                                   GI:33658085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GI:14216051
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Pred. No. 99;
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Mus
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library (14ETL)
14ETL--07-H15,
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VERSION
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DEFINITION
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CF292086
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Best Local S
Matches 24
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                                                                                                                                                                                                                                                                                       1 (bases 1 to 30)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoidase; Oryzeae; Oryza.
                                                                                                                                                                                                 Genomics and Genetics Institute, of Bioscience and Bioinformatics, Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CP292086 30 bp mRNA linear EST 14-AUG-2003
14ROOT--02-M10.gl Rice root plasmid cDNA library (14ROOT) Oryza
sativa (japonica cultivar-group) cDNA clone 14ROOT--02-M10, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoldeae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice BSTs Unpublished (2003)
                                                                                                                                                            Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CF292086.1 GI:33661119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                                   Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Nahm B.H
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82 31 330 6193
82 31 321 6355
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                                                                                                               bhnahm@ggbio.com, bhna
Location/Qualifiers
/organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /db xref="taxon:39947"
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(14ETL)"
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 99;
                                                                                                                                   bhnahm@bio.myongji.ac.kr
                                                                                                                                                                                                                     GreenGene Biotech Inc.; , MyongJi University
                                                                 (japonica cultivar-group)"
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, MyongJi University
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CF312417/c LOCUS

DEFINITION

CF312417 . 30 bp mRNA linear EST 15-AUG-2003 ABF--08-C19.bl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone RESULT 69

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REFERENCE
AUTHORS
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oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoldae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 30)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CF299555 30 bp mRNA linear EST 15-AUG-2003
7LEAF--03-K01.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--03-K01, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Nahm B.H.
                                                                                                      Similarity
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                                                                                                                                                                                /clone="7LEAF--03-K01"
/tissue_type="leaf"
/tissue_type="leaf"
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/clone_lib="Rice_leaf"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
/note="Vector: bCR4-TOPO; Site_1: EcoRI; mRNA was capped
with_oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /dev_stage="14 days after germination"
/lab_host="R.coli DH10B"
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/clone_lib="Rice root plasmid cDNA library (14ROOT)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with_oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                               /mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                                              organism="Oryza sativa (japonica cultivar-group)"
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                                                                                                                                       Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Shrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 30)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                           Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                            EST
                                                                                                                                                                                                                                                                                                                                                                                  HD--13-M02.b1 OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) c HD--13-M02, mRNA sequence.
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Oryza sativa (japonica cultivar-group)
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CF312417
CF312417.1 GI:33684178
EST.
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Unpublished (2003)
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Location/Qualifiers
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/lab_host="E.coli DH10B"
/lab_host="E.coli DH10B"
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/clone lib-rary (ABP) | EcoRI; Leaf was dried /clote="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
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/db_xref="taxon:39947"
/clone="ABF--08-C19"
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ce plasmid cDNA
) cDNA clone
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                                                                                                                                                                                                                                                                                                                                                                                     Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6133

Fax: 82 31 321 6355

Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 30)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Em
Spermatophyta; Magnoliophyta; Liliopsida;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CF327835 30 bp mRNA linear EST 18-AUG-2003 NACL--02-H17.gl Rice callus plasmid cDNA library (NACL) Oryza sativa (japonica cultivar-group) cDNA clone NACL--02-H17, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CF327835.1 GI:33803920
                      Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Similarity
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  Conservative
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                                                                                                /tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DHLDB"
/lab_host="E.coli DHLDB"
/clome_lib="Rice callus plasmid cDNA library (NACL)"
/clome_lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
/mith_oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab host="E.coli DH10B"
/clome lib="OSHDACI-overexpressing transgenic rice plasmid
/clome library (HD)"
/note="Vector: pCR4-TOPO; Site 1: ECORI; Callus was
treated with ABA(20um) for lhr. Oligo-capped mRNA was
reverse transcribed and then used for PCR. mRNA was
derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                            organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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/db_xref="taxon:39947"
/clone="HD--13-M02"
                                                                                                                                                                                                                                      db_xref="taxon:39947"
/clone="NACL--02-H17"
                                                                                                                                                                                                                                                                                                                                                                   ocation/Qualifiers
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                 0.4%;
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               Score 21; DB
Pred. No. 99;
  Mismatches
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                                                                                                                                                                                                                                                                                                                           (japonica cultivar-group)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Embryophyta; Tracheophyta; a; Poales; Poaceae;
                                          Length 30
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  Indels
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  Gaps
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REFERENCE
AUTHORS
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CN545845/c
LOCUS
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CF336555/c
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AUTHORS
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ORGANISM
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Best Local S
Matches 24
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                                                                                                                                               CN545845
EST 17789 Ripe Grape Skir
clone B3CS00RL002E09 3',
CN545845
CN545845.1 GI:46910470
EST:
                                                                                                                                                                                                                                                                                                                                       ü
                                  Vilis vinifera

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

rosids; Vitaceae; Vitis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Spermatoideae; Oryzeae; Oryza.
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OMT--06-KI3.gl AtJWT-overexpressing transgenic rice plasmid cDNA library (JMT) Oryza sativa (japonica cultivar-group) cDNA clone JWT--06-KI3, mRNA sequence.

CP336555

CP336555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L. Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Lazge-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, P., Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
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EST.
                                                                                                                                  Vitis vinifera
                                                                                                                                                                                                                                                                                                                                                                                                                             Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  in, Kyeonggi, Ko
82 31 330 6193
82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl methyltransferase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CDNA library (JMT) "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /tissue type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="AtJMT-overexpressing transgenic rice plasmid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Oryza sativa (japonica cultivar-group)"
(mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="JWT--06-K13"
                                                                                                                                                                                                                                                                                                                                                                                                                             0.4%;
                                                                                                                                                                                               30 bp mRNA linear EST 30-APR-2004
Skin Triplex2 Library Vitis vinifera cDNA
3', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                             Score 21; DB
Pred. No. 99;
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AUTHORS
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CN545913/c
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VERSION
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Best Local (
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5393 AAAAAATACAAAAAAGAAAAATGAAAA 5421
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Contact: Hamdi S.
                                                                                                                                                                            Tel: 00-33-(0)5-57-12-25-50 
Pax: 00-33-(0)5-57-12-25-48
                                                                                                                                                                                                                                                                                                                                    or seeds) at Various Developmental Stages
Unpublished (2002)
Contact: Hamdi S.
                                                                                                                                                                                                                                                                                                                                                                                                       Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Couture, Dedaldechamp, F., Delrot, S., Glissant, Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; Vitaceae; Vitis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Vitis vinifera
Vitis vinifera
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EST 17857 Ripe Grape Skin clone B3CS00RL006C10 3', m
                                                                                                                                    Seq primer: T7
                                                                                                                                                       Email: s.hamdi@bordeaux.inra
                                                                                                                                                                                                                             France
                                                                                                                                                                                                                                                                                          UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut Na
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CN545913.1
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Universite de Bordeaux I, Institut National de
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                                                                                                                                                                                                                                                71, Avenue Edouard Bourleaux, BP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /dev_stage="ripening stage"
/clone_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
Sfila; Site_2: SfilB; Oriented library"
/organism="Vitis vinifera"
/mol type="mak"
/culfivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Vitis vinifera"
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/cultivar="Cabernet Sauvignon"
                                                                                                               ocation/Qualifiers
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/clone="B3CS00RL002B09"
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      mRNA sequence
                                                                                                                                                                                                                                                                                            Institut National de la Recherche
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                                                                                                                                                                                                                                                    33883 Villenave D'Ornon Cedex,
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,D., Grimplet, J.,
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clone="B3CS00RL006C10"

Cedex,

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RESULT 75
CN546459/c
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CN546474/c
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Best Local S
Matches 24
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EST 18603 Ripe Grape Berry Lambda Triplex2 Library Vitis cDNA clone B3CS57RB007C01 3', mRNA sequence.

CN546459

CN546459.1 GI:46911084

EST.
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Vitis vinifera
Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
                       CN546474
CN546474.1 GI:46911099
EST.
                                                                              CN546474 30 bp mRNA linear EST 3 EST 18618 Ripe Grape Berry Lambda Triplex2 Library Vitis CDNA Clone B3CS57RB007D06 3', mRNA sequence.
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UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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Unpublished (2002)
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71, Avenue I
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Similarity 82.8%;
Vitis vinifera
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bmail: s.hamdi@bordeaux.inra.
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/mol type="mRNA"
/culfivar="Cabernet Sauvignon"
/db xref="taxon:29760"
/clone="B3CS57RB007C01"
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SfiIA; Site_2: SfiIB; Oriented library"
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/clone_lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
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/note="Organ: Fruit skin; Vector: Lambda Trip
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Pred. No. 99;
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CN546789/c
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1 (bases 1 to 30)

28 Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F., Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N.

Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages

AL Unpublished (2002)

Contact: Hamdi S.

UMR 619 - Equipe Biologie de la Vigne

Universite de Bordeaux I, Institut National de la Recherche
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Contact: Hamdi S.
UNR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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EST 18560 Turning Grape Berry Lambda Triplex2 Library Vitis
vinifera cDNA clone B3CS38TB008G04 3', mRNA sequence.
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1. (bases 1 to 30)
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CN546789.1 GI:46915099
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Fax: 00-33-(0)5-57-12-25-48
                                                                 Tel: 00-33-(0)5-57-12-25-50 Fax: 00-33-(0)5-57-12-25-48
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71, Avenue Edouard
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71, Avenue Edouard Bourleaux,
                                               Email: s.hamdi@bordeaux.inra.fr
                                                                                                            France
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/clone_lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
    Location/Qualifiers
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'clone="B3CS57RB007D06"
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'cultivar="Cabernet Sauvignon"
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AZ357603/c
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AZ357603.1 GI:10471303
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0099 row: H column: 17
Seq primer: CGTTGTAPAPACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      quality sequence stop: 30.
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/lab host="E. Coli strain XL10-Gold, T1-resistant; F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
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                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0099H17"
                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
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/clone_lib="Turning Grape Berry Lambda Triplex2 Library"
/note="organ: Fruit without seeds; Vector: Lambda
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/mol type="mRNA"

/cultivar="cabernet Sauvignon"

/db_xref="taxon:29760"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Cocation/Qualifiers
                                                                                                                                                                                                                                                                                                           'eex="Male"
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electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 gb[AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                        10.5 kb range using preparative agarose gel
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JOURNAL COMMENT
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Best Local Sim
Matches 24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0258 row: D column: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1M0258D16F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0258D16 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Seq primer: CGTTGTAAAACGACGGCCAGT
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Location/Qualifiers
/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pwD42nv; Purified genomic DNA from M.
/note="Vector: pwD42nv; Purified genomic DNA from M.
/nusculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
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                                                                                                                                                                                                                                                                                                                                                                 /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                       sex="Male"
                                                                                                                                                                                                                                                                                                                                             clone="UUGC1M0258D16"
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Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 30)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ481739
AZ481739.1 GI:10642804
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       quality sequence stop: 30.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ddunn@genetics.utah.edu
Length: 10000 Std Erro
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a molos inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel
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                                                                                                                                                                                                       /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"/clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pWp42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
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'clone="UUGC1M0306N12"
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Pred. No. 99;
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electrophoresis. Vector DNA was prepared from a derivative

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
Contact: Robert B. W
University of Utah G
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0374 row: J column: 17
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 30)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           High quality sequence stop: 30.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
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                                                                                                                                                                                                                                                           /lab host="B. Coli strain XL10-Gold, T1-resistant, F
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                clone="UUGC1M0374J17"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bloscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea (B-mail:redscone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)

Tel:82-42-866-7181, Fax:82-42-860-4409)

Telones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. BAC end sequences of Library RP-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pan troglodytes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
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R.Site 1 : EcoRI
R.Site 2 : EcoRI.
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                                                                                                                                                                                                                                                       /cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                   /organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
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                                                                                                                                                                                                                                                                                                sex="male"
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Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0

Plate: 0201 row: 0 column: 04

Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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                                                                                                                                                                                                                                                          Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 27)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse, whole genome scaffolding with paired end reads from 10kb
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AU267990.1
                                                                                                                                                                  Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Urushihara,H., Morio,T., Saito,T., Kohara,Y., Koriki,E., Ochiai,H., Maeda,M., Williams,J.G., Takeuchi,I. and Tanaka,Y.
Analyses of cDNAs from growth and slug stages of Dictyostelium
                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2M0201004R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0201004 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pax: 81-298-53-6614
Email: hideko@biol.tsukuba.ac.jp.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nucleic Acids Res. 32 (5), 1647-1653 (2004)
Contact: Hideko Urushihara
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               University of Tsukuba
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Similarity 91.7%; Pred. No. 1e
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                                                                                                                                      USA
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/mol_type="mRNA"
/strain="AX4"
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/dev_stage="vegetative"
/clone_lib="VS"
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/clone="VSH801"
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REFERENCE
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AZ970621/c
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                                                                                                                                                                                                                                                                                                                                                                              Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weise,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
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                          Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid and
                                                                       Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Errc
Plate: 0243 row: N column: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 27)
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2M0243N14R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
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                                                                                                                                                                                                                                                  University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                              Unpublished (2000)
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High quality sequence stop: 27
                                                                                                                                                                                                                                                                                                         Contact: Robert B. Weiss
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Location/Qualifiers
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 99
                                                                                                 Std Error: 0.00
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SOURCE
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DEFINITION
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VERSION
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                                                                                             Bource
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                                                                                                                                                                                                                                                                        Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Cyza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

E 1 (bases 1 to 28)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5393 AAAAAAATACAAAAAAAGAAAAAAATGAA 5419
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                                                                                                                                                                                        Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                          bhnahm@ggbio.com, bhnahmannahm.
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1. .28
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/db_xref="+--
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'clone_lib="Mouse 10kb plasmid UUGC2M library"
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                                                                                                                                                              bhnahm@bio.myongji.ac.kr
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/db_xref="taxon:39947" /clone="ABF--01-E17" /tissue_type="leaf"

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Query Match
Best Local Similarity
Matches 23; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Bmail: ddunn@genetics.utah.edu
Insert Length: 1000 Std Brror: 0.
Plate: 0099 row: D column: 17
Seq primer: CGTTGTAAAACGACGGCCAGT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      plasmid inserts
Unpublished (200
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AZ824574.1 GI:12994482
GSS.
Mus musculus (house mouse)
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2M0099D17F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0099D17 F, genomic survey sequence.
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High quality sequence stop: 28.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lished (2000)
Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /dev_stage="14 days after germination"
/lab_host="8.col1 DH10B"
/clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"
                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-"
/Clone lib="Mouse 10kb plasmid UUGCIM library"
/notee="Vector: PWD42nv, burified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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/clone="UUGC2M0099D17"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
/mol_type="genomic DNA"
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Pred. No. 1e+02;
0; Mismatches 4;
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JOURNAL COMMENT

TITLE

FEATURES

VERSION KEYWORDS

ACCESSION

SOURCE

ORGANISM

REFERENCE

AUTHORS

LOCUS DEFINITION RESULT 87 AZ824574/c 밁 S

> 밁 S

> > Similarity

1e+02;

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                                                                                           electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 gb par129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
0.4%;
   Score 20.6; DB 1; Length 28; Pred. No. 1e+02;
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REFERENCE
AUTHORS
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VERSION
KEYWORDS
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Best Local S
Matches 23
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Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads
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High quality sequence stop: 28.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0130 row: K Column: 08
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University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ836072 28 bp DNA linear GSS 20-FEB-200
2M0130K08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC2M0130K08 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 28)
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /clone_11b="Mouse_10kb_plasmid_UUGCIM_libraty" /note="Vector: pw1042nv; Purified genomic_DNA_from_M. musculus_C57BL/6J_(male) was obtained_from_the_Jackson_musculus_C57BL/6J_(male) was obtained_from_the_Jackson_musculus_C57BL/6J_(m
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                  Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /sex="Male"
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BQ583967/c
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Query Match
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$013297-024-004-B01-T7 MI

CDNA Clone 024-004-B01 3-

BQ583967

BQ583967.1 GI:26113544

EST.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADIS DNA core facility at MPIZ
Max-Planck Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 29 Std Error: 0.00
Plate: 4 row: B column: 01
Seq primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Weisshaar B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Beta vulgaris
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                                                                                                                                                                                                           /clone=024-004-B01"
/tissue_type="inflorescence"
/lab_host="RMDH10B"
/clone_lib="MPDIZ-ADIS-024-inflorescence"
/note="Vector: pcwvSpORT6; Site 1: Sal1; Site 2: Not1;
/note="Vector: pcwvSpORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Binbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                 SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      line) "
                                                                                                                                                                                                                                                                                                                                                                                                                                       db_xref="GABI:182728"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Beta vulgaris"
                                                                                                                                                                                                                                                                                                                                                                                                                   xref="taxon:161934"
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  Score 20.6; DB 1;
Pred. No. 1.1e+02;
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COMMENT

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JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Nahm B.H.

Genomics and Genetics Institute, Greendene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Em
Spermatophyta; Magnoliophyta; Liliopsida;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 library (HD) Oryza sativa HD--06-I14, mRNA sequence. CF317007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              HD--06-I14.gl OsHDAC1-overexpressing transgenic rice plasmid clibrary (HD) Oryza sativa (japonica cultivar-group) cDNA clone
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 26)
                                                                                                                                     DKFZp566J0546 rl 566 (synonym: hfkd2) Homo DKFZp566J0546, mRNA sequence.
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                                                    Homo sapiens
                                                                                                    AL038686
AL038686.1 GI:49682186
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                                                                  Homo sapiens (human)
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                 /note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /clone lib="OsHDAC1-overexpressing transgenic rice plasmid
cDNA, library (HD) "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /tissue_type="callus"
/dev_stage="proliferated callus on
/lab_host="E.coli DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /db_xref="taxon:39947"
/clone="HD--06-I14"
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Pred. No. 1e+0
0; Mismatches
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sapiens
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CF299646/c
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Matches 22
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EST (Ottenwaelder, of Unpublished (1999)
Contact: MIPS
                                                                                                                                                                                                                                                                                                                                                                                                                     1 (bases 1 to 26)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Foales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CP299646 26 bp mRNA linear EST 15-AUG-2003
7LEAF--03-L24.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--03-L24, mRNA
                                                                                                                                                                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Nahm B.H.
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                                                                                                                                                                                                                                                                                                                        in, Kyeonggi, Korea
82 31 330 6193
82 31 321 6355
 Conservative
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                                                                                                                                                                                                                                                                                      bhnahm@ggbio.com, bhn
Location/Qualifiers
                                                                           /db_xref="taxon:39947"
/clone="71EAF--03-L24"
/tissue_type="leaf"
/tissue_type="leaf"
/dev_stage="7 days after germination"
/lab_host="8.coli DH10B"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /db_xref="taxon:9606"
/clone="DKFZp566J0546"
/tissue_type="kidney"
/dev_stage="fetal"
/lab_host="X1-2blue"
                                                                                                                                                                                                                   /clone_lib="566 (synonym: hfkd2)"
/note="Vector: pamP1; Site_1: NotI; Site_2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Homo sapiens"
               0.4%;
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 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
Score 20.2; DB 1;
Pred. No. 1.1e+02;
0; Mismatches 3
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Pred. No. 1.1e+02;
                                                                                                                                                                                                                                                                                                      bhnahm@bio.myongji.ac.kr.
                                   DB 1;
                               Length 26,
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 Indels
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KEYWORDS
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AI971979
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AUTHORS
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CF337400
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Best Local (
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                                                                                                                                    AI971979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                    AI971979.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Nahm B.H.
                                                                                    Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                                                                                                                                                        TTAAAAAAAAAAAAAAAAAA 25
                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Oryza sativa (
/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="JMT--07-N04"
                                                                                                                  GI:5768805
                                                                                                                                                                                                                                                                                                                                                                         88.0%;
                                                                                                                                                                                                                                                                                                                                                           Mismatches
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문 8

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REFERENCE
AUTHORS
TITLE
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 28)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                    AI971979 28 bp mRNA linear EST 27-OCT-1999 wv30h06.xl NCI CGAP Ov18 Homo sapiens CDNA clone IMAGE:2531099 3' similar to TR:063545 O63545 NADH DEHYDROCENASE SUBUNIT 5 ;contains TAR1 bl TAR1 repetitive element , mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JMT--07-N04.gl AtJMT-overexpressing transgenic rice plasmid cDNJ library (JMT) Oryza sativa (japonica cultivar-group) cDNA clone JMT--07-N04, mRNA sequence.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           methyltransferase overexpression line."
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Pred. No. 1.2e+02;
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    FEATURES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AJ666435
AJ666435
            Roslin, Midlothian, EH25 9PS, UNITED KINGDOM Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross match with the -minscore 20 and -minmatch 12 options. Vector:pBlueScriptII(KS+) R. Site 1: ECORI R. Site 2: NotI Description: Normalised library constructed from pooled tissue from day 30 placentas. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institite, Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.
                                                                                                                                                                                                                                           Mammalla; Butheria; Cetartiodactyla; Suina; Suidae; Sus.
1 (bases 1 to 28)
Anderson,S.I., Finlayson,H.A. and Archibald,A.L.
Development of cDNA and EST resources for studying reproduction are embryo development in pigs and cattle
Unpublished (2004)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D. cDNA Library Preparation: M. Bento Soares, Ph.D. cDNA Library Arrayed by: Christa Prange, The I.M.A.G.B. Consortium DNA Sequencing by: Washington University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                       Contact: Anderson SI
Genomics and Bioinformatics
                                                                                                                                                                                                                                                                                                                                                                                          Sus scrofa (pig)
Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                             sequence.
AJ666435
AJ666435.1 GI:49350886
EST.
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Location/Qualifiers
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Seq primer: -40UP from Gibco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                  Roslin Institute
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CSEQRAN09 Sus scrofa cDNA clone C0000033_L21, mRNA
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2531099"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 20; DB 1; Pred. No. 1.2e+02;
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                                                                                                                                                                                                                                                                                     for studying reproduction and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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CF282351/c RESULT 97

DEFINITION

mRNA sequence.

CF282351 28 bp mRNA linear EST 14-AUG-20 14ETL--09-N05.gl Rice etiolated leaf plasmid cDNA library (14ETL) CYYZA BATIVA (japonica cultivar-group) cDNA clone 14ETL--09-N05.

EST 14-AUG-2003

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KEYWORDS
SOURCE
ORGANISM
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AW332443/c
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                                                                                                                                Query Match
Best Local S
Matches 23
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AUTHORS
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                                             5393 AAAAAATACAAAAAAGAAAAATGAAA 5420
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28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 28)
Smulian, A.G., Arnold, J., Weise, M., Wunderlich, J.,
Edman, J.C., Kovacs, J. and Cushion, M.
Expressed sequence tags from Pneumocystis carinii
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pneumocystis carinii
Pneumocystis carinii
Pneumocystis carinii
Eukaryota, Pungi, Ascomycota, Pneumocystidomycetes,
Pneumocystidaceae, Pneumocystis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AW332443 28 bp mRNA linear EST S8E7 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence. AW332443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 606 257 2161
Fax: 606 257 1717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Staben C
School of Biological Sciences
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                                                                                                                                                                   Similarity
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   AAAAAAAATAAAAAAAAAAAAAAAAAA 1
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                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          staben@pop.uky.edu
                                                                                                                                                                                                                                                          /organism="Pneumocystis carinii"
/mol type="mRNA"
/mol type="mRNA"
/db xref="rtaxon:4754"
/lab host="E. coli"
/clone lib="AGS-1"
/clone lib="AGS-1"
/clone lib="AGS-1"
/clone lib="GS-1"
/clone lib="AGS-1"
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/db_xref="taxon:9823"
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/tissue_type="placenta"
/clone_lib="CSEQRAN09"
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                                                                                                                                                                   Score 20; DB 1;
Pred. No. 1.2e+02;
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1.2e+02;
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RESULT 98
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Matches 23; Conserv
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CF321885 CF331885.1 GI:33693646
                                                                                                                                                                                 Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopaida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 28)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhattoideae; Oryzeae; Oryza.
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                      Genomics and Genetics Institute, of Bioscience and Bioinformatics,
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                   Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                      Contact: Nahm B.H.
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: 82 31 330 6193
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82 31 330 6193
82 31 321 6355
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Location/Qualifiers
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/clone="14ETL--09-N05"
/tissue_type="leaf"
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/mol_type="mRNA"
/cultivar="Nackdong"
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/lab_host="E.coli DH10B"
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Pred. No. 1.2e+02;
0; Mismatches 5
                                                                                                                          GreenGene Biotech Inc.; Division , MyongJi University
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JOURNAL
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Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, Grof Bioscience and Bioinformatics, Myongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Oryza sativa (japonica cultivar-group)
Coryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poales; Poales; Oryzaa; O
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NACL--06-J14.g1 Rice callus plasmid cDNA library (NACL) Oryza
Bativa (japonica cultivar-group) cDNA clone NACL--06-J14, mRNA
                                                                                                                              Similarity 82.: 23; Conservative
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Location/Qualifiers
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/cultivar="Nackdong"
/db xref="taxon:39947"
/db xref="taxon:39947"
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/dev stage="s.coli DH10B"
/lab host="s.coli DH10B"
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                                                                                                                                                                                                                                                                       /db xref="taxon:39947"
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/dab_host="B.coli DH10B"
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/clone_lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  derived from rice Histone Deacetylase overexpression
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/cultivar="Nackdong"
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Pred. No. 1.2e+02;
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1.2e+02;
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a; Poales; Poaceae;
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University
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CN546364/c
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AUTHORS
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VERSION
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CF330938
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Best Local Similarity
Matches 23; Conserv
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group) oryza sativa (japonica cultivar-group) oryza sativa (japonica cultivar-group) Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                             EST 18317 Green Grape Berry Lambda
CDNA Clone B3CS1XGB016C01 3', mRNA
CN546364
CN546364.1 GI:46910989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Nahm B.H.
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.,
of Bioscience and Bioinformatics, MyongJi University
Yonqin, Kyeonggi, Korea
                Abbal, ... Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F., Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
Unpublished (2002)
                                                                                                                                                                             Vitis vinifera

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

rosids; Vitaceae; Vitis.
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CF330938
CF330938.1 GI:33810102
EST.
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NACL--06-N19.gl Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--06-N19, mRNA
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                               CN546364
  Contact: Hamdi S.
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                                                                                                                                                     (bases 1 to 28)
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Oryza sativa (japonica cultivar-group)"
/mol type="mRNA"
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/culTivar="Nackdong"
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/dev_stage="proliferated callus on 2N6 media for 30 days"
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/clone_lib="Rice_callus plasmid_cDNA library (NACL)"
/clone_lib="Rice_callus plasmid_cDNA library (NACL)"
/clone_lib="Rice_callus plasmid_cDNA library (NACL)"
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Pred. No. 1.2e+02;
0; Mismatches 5;
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CN546703/c
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Contact: Hamdi S.
UNR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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EST 18474 Turning Grape Berry Lambda Triplex2 Library Vitis
vinifera cDNA clone B3CS37TB007H02 3', mRNA sequence.
CN546703
CN546703.1 GI:46911328
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
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71, Avenue Edouard
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Universite de Bordeaux I, Institut National de la Recherche
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71, Avenue Edouard Bourleaux,
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                                                                                                                                                                                                                                                                                                     s.hamdi@bordeaux.inra.
                                   /dev_stage="veraison stage"
/clone_lib="Turning Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /dev_stage="green stage"
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/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
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Pred. No. 1.2e+02;
0; Mismatches 5;
  Score 20;
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  DB 1;
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ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0165 row: N column: 04
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AZ399637.1 GI:10514711
GSS.
Mus musculus (house mouse)
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Fax: 801 585 7177
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Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 28)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B.
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1M0165N04R Mouse 10kb plasmid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        quality sequence stop: 28.
Location/Qualifiers
Indicatory Mouse DNA Resources

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwm24 (gil4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab host="B. Coli strain XL10-Gold, T1-resistant, P-"/clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /db_xref="taxon:10090"
/clone="UUGC1M0165N04"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"
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0: Mismatches 5;
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d UUGC1M library Mus musculus
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Query Match Best Local Similarity

Score 20; DB 1; Pred. No. 1.2e+02;

Length 28

Query Match
Best Local Similarity
Matches 23; Conserv

0.4%; Score 20; DB 1; Le ilarity 82.1%; Pred. No. 1.2e+02; Conservative 0; Mismatches 5;

Length 28; ; 5; Indels

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AZ401766
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Class: plasmid ends
High quality sequence stop: 28.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0168 row: O column: 08
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mus musculus
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1M0168008R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0168008 R, genomic survey sequence.
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/mol_type="genomic nus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                'sex="Male"
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AZ471744/c
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AZ471744
AZ471744.1 GI:10629965
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0286 row: K column: 08
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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musculus CSTBL/60 (maile) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0327 row: F column: 02
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B.
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                                                                                                                                                               http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel elettrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/strain="C57BL/6J"
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AZ653365 28 bp DNA linear GSS 14-DEC-200 1M0527E02F Mouse 10kb plasmid UUGC1M library Mus musculus genomic Clone UUGC1M0527E02 F, genomic survey sequence.

GSS 14-DEC-2000

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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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igh quality sequence stop: 28.
Location/Qualifiers
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0527E02"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0028 row: J column: 01
Seg primer: CACACAGGAAACAGCTATGACC
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High quality sequence stop: 28.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                    http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMs42 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/Clone_lib="Mouse_10kb:plasmid_UUGCIM_library"
/note="Vector: pWD42nv, Purified_genomic_DNA_from_M.
musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson
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Class: plasmid ends
High quality sequence stop: 28.
Location/Qualifiers
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Fax: 801 585 7177
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Insert Length: 10000 Std Error: 0.00
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/strain="C57BL/6J"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0115 row: D column: 04
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        High quality sequence stop: 28.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   University of Utah Genome Center University of Utah
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Unpublished (2000)
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                                                                                                                                                                                                was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative aggrose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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AZ86077B08F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0177B08 F, genomic survey sequence.

AZ866569

AZ866569.1 GI:13068007

GSS.

Mus musculus (house mouse)

Mus musculus (house mouse)
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Insert Length: 10000 Std Error:
Plate: 0177 row: B column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
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Tel: 801 585 5606
Pax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 28)
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                                                                                                                                                                                         (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.
musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso
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/strain="C578L/6J"
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/mol_type="genomic DNA"
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/clone="UUGC2M0177B08"
                                                                                               Score 20; DB
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RESULT 112

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TA29A09P/c
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Constructed at the Institute for Genomic Research (TIGR),
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
                                                                                         Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                               Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
                                                                                                                                                                                                                                                                                                   Trypanosoma brucei
Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
                                                                                                                                                                                                                                                                                                                                                                                                                       genomic survey sequence.
AL453073
Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
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Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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                                                                     nh1@sanger.ac.uk
                                                                                                                                                                   Direct Submission
                                                                                                                                                                                                                                                                                Trypanosoma.
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/mol_type="genomic DNA"
/strain="TREU927"
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DNA clone 29a09,
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T. brucei sheared genomic DNA
genomic survey sequence.
AL497637
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4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
                                                                                                                                                                                                                                                            Email: nelsayed@rigr.org
Details of T. brucei sequencing at the Sanger Centre
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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AL497637.1 GI:11873359
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/mol_type="genomic DNA"
/strain="TREU927"
                                                                                                                                       /organism="Trypanosoma brucei"
/mol type="genomic DNA"
/strain="TREU927"
/db xref="taxon:5691"
/clone="379d11"
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/clone="29a09"
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Pred. No.
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A clone 379d11, forward sequence,
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Best Local Similarity 91.3%;
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BG929133.1
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CD028815
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Unpublished (2002)
Contact: Ebbole DJ
Department of Plant
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Tel: 610-270-7245
Fax: 610-270-5598
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Sathe,G., Mui,P., Agarwal,P., Badger,A.M., Lee,J.C., Gowen,M. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HNC34-1-E8.R HNC (Human Normal Cartilage) Homo sapiens cDNA, mRNA
                                                                                                                    Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes; Sordariomycetes incertae sedis; Magnaporthaceae; Magnaporthe.

1 (base 1 to 27)
                                                                                                                                                                           Magnaporthe grisea (anamorph: Pyricularia grisea)
Magnaporthe grisea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Seq primer:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Sanjay Kumar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                    Expressed sequence tags
                                                                                      Ebbole, D.J., Yuan, J., Thomas, T.L., Bhatterai, K. and Dean, R.A.
                                                                                                                                                                                                                                   CD028815.1 GI:30410271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: sanjay_kumar-1@gsk.com
Seq primer: T7.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /tissue_type="cartilage"
/lab_host="E.coli DH10 B"
/clone_lib="HNC (Human Normal Cartilage)"
/note="Vector: pSPORT I; Site_1: Sall; Site_2: NotI;
Directional"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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 Pathology & Microbiology
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Pred. No. 1.1e+02;
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                                                                                                           Bobrowicz, P., Lu, G.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          King of Prussia,
                                                                        blast fungus, Magnaporthe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 25;
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                                                                                                                                                                                                                                                                                        Magnaporthe
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CL654516/c
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Best Local S
Matches 21
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BACKWARD: T7 primer
Plate: mgcs010 row:
Seq primer: T3
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                                                                                                                                                                 Evolutionary Biology
Max-Planck-Institute for Developmental Biology
Spemannstr. 37-39, Tuebingen D-72076, Germany
Tel: 00497071601371
                                                                                                                                                                                                                                                            Srinivasan,J., Otto,G.W., Kahlow,U., Geisler,R. and S
AppaDB: an AcedB database for the nematode satellite
Pristionchus pacificus
Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CL654516 27 bp DNA linear GSS 09-JUL-2004 PRI0120d B08 - PRI0120d B21 (27) Note: Recurring String Mixed stage fosmid lībrary of P. pacificus var. California Pristionchus pacificus genomic, genomic survey sequence.
CL654516 CL654516.1 GI:50133465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Peterson Bldg, MS2132, College Station, TX 77843-2132, USA Tel: 979 845 4831
Fax: 979 845 6483
Email: d-ebbole@tamu.edu
Chromatogram file of this sequence is available, see contact
                                                                 Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech,
sequenced at Vancouver, Canada.
                                                                                                                                                                                                                                                                                                                                                                                                       Pristionchus pacificus
Pristionchus pacificus
Eukaryota, Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GSS.
                      Seq primer: T7
Class: fosmid ends.
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PCR PRimers
                                                                                                                                             Fax: 00497071601498
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ilarity 91.3%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /Bex="Mat1-2 hermaphrodite"
//cell type="conidia"
//clone lib="Magnaporthe grisea CS Uni-Zap XR Library"
//clone lib="Magnaporthe grisea CS Uni-Zap XR Library"
//clone lib="Magnaporthe grisea CS Uni-Zap XR Library"
//note="Vector: pBluescriptsK-; Site_1: EcoRI; Site_2:
XhoI; Unidirectional cloning. EcoRI side has T3 primer and predominantly 5' reads. T7 primer on XhoI side of insert.
Conidial library. Point inoculation of Guyll at center of oatmeal agar plate. Conidia were harvested after two weeks of growth. Sequences were processed by one of two methods. Where a full-length alignment to the M. grisea genome sequence was available, the EST sequence was trimed according to the alignment, otherwise sequence quality was assessed using phredPhrap version 991019 and trimmed
Location/Qualifiers
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/mol_type="mRNA"
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/clone="mgcs010xA10"
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Pred. No. 1.2e+02;
D; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Class: plasmid ends
High quality sequence stop: 27.
Location/Qualifiers
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Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror:
Plate: 0010 row: G column: 08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AZ776487 27 bp DNA linear GSS 16-FEB-20-
2M0010G08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0010G08 F, genomic survey sequence.
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Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
                                                                                                                                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Biomedical Polymers Research Bldg., 20
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                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/mol_type="genomic DNA"
/strain="California"
/db_xref="taxon:54126"
                                                                                                                                                                                                                                                                                                                                                             /db_xref="taxon:10090"
/clone="UUGC2M0010G08"
                                                                                                                                                                                                                                                                                                                                          /вех="Male"
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Pred. No. 1.2e+02.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0170 row: J column: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 27)
Dunn,D., Abyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
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AZ862643.1 GI:13060151
GSS.
Mus musculus (house mouse)
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Location/Qualifiers
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                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative electrophoresis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                       /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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of pWD42
                                                                                                                                                                                                                                                                                                                                                                                                                      /db_xref="taxon:10090"
/clone="UUGC2M0170J19"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              h: 10000 Std Error: 0.00 row: J column: 19
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(gi|4732114|gb|AF129072.1),
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a copy-number
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inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored me DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

밁 S Best Loc Matches Query Match Local 5393 AAAAAAATACAAAAAAGAAAAAATGA 5418 Similarity Conservative 84.6%; 0.4%; 0 Score 19.6; DB 1; Length 27; Pred. No. 1.3e+02; Mismatches .<u>.</u> <u>.</u> Gaps

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Snoo

RESULT 120 AZ873739/c VERSION KEYWORDS FEATURES COMMENT REFERENCE SOURCE ACCESSION DEFINITION Shoo TITLE ORGANISM AUTHORS JOURNAL source Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 27) AZ873739 27 bp DNA linear GSS 21 2M0187C08R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC2M0187C08 R, genomic survey sequence. University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., plasmid inserts Unpublished (2000) Mus musculus AZ873739.1 GI:13082111 Class: plasmid ends High quality sequence stop: 27. Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Errc Plate: 0187 row: C column: 08 Tel: 801 585 5606 Fax: 801 585 7177 Mus musculus (house mouse) Seq primer: CACACAGGAAACAGCTATGACC Contact: Robert B. USA /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090" organism="Mus musculus" clone="UUGC2M0187C08" ocation/Qualifiers Weiss Std Error: 0.00 20 ŝ 2030 GSS 21-FEB-2001 genomic SLC,

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/clone lib="Mouse 10kb plasmid UUGCI/M library"
/clone lib="Mouse 10kb plasmid UUGCI/M library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil 4732114 |gb| AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated

/sex="Male"

lab_host="E. Coli strain XL10-Gold, T1-resistant,

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RESULT 122
AZ430288/c
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TA257B07P
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Best Local S
Matches 22
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JOURNAL
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Best Local Similarity
Matches 22; Conserv
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AZ430288 23 bp DNA linear GSS 03 IM0214012R Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGCIM0214012 R, genomic survey sequence.

AZ430288 AZ430288.1 GI:10554301
GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    to give a tight size distribution (
4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucel genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 18A, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, Melville, S.E., Rajandream, M.A. and Barrell, B.G.
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GSS.
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AL483278
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T. brucei sheared genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: nelsayed@tigr.org
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                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Trypanosoma brucei"
/mol_type="genomic DNA"
/strain="TREU927"
                                                                                                                                                                                                                                                                                                                                                                     /db_xref="taxon:5691"
/clone="257b07"
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Pred. No. 1.3e+02;
0; Mismatches 4;
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                                                                                                                                                                                                                                                                                   Score 19.6; DB 1;
Pred. No. 1.3e+02;
0; Mismatches
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                                                                         AL587648 BP Chicken Brain Library ROS060C07, mRNA sequence.
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AL587648
AL587648.1 GI:13192682
EST.
Gallus gallus (chicken)
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High quality sequence stop: 23.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
Plate: 0214 row: O column: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
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Contact: Robert B.
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                GI:13192682
                                                                                                                                                                                                                                                                                                                                                            0.4%; Score 19.4; DB 1; 95.2%; Pred. No. 1.2e+02;
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1M0137N18F Mouse 10kb plasmid UI
clone UUGC1M0137N18 F, genomic s
AZ381039
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Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
Email: frazer.murray@bbsrc.ac.uk
GCGGCCGCTTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
                                                                                                                                                                                                                                           Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb mouse whole genome scaffolding with paired end reads from 10kb
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AZ381039.1 GI:10494739
GSS.
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                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 25) Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
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BP Chicken Brain Library
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                                           Email:
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ddunn@genetics.utah.edu
Length: 10000 Std Error: 0.00
0137 row: N column: 18
                                                                                                       USA
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/dev gtage="Unknown"
/lab_nost="DN10B"
/lab_nost="DN10B"
/clone_lib="BP Chicken Brain Library"
/clone_lib="BP Chicken Brain Library"
/note="Vector: psp0RTl; Site 1: Not1; Site_2: Sall; Cloned unidirectionally. Primer: OlTgo dT. 5' adaptor sequence: 5' TCGACCTCGAG 3'; 3' adaptor sequence: 5'
GCGGCGCCTTTTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from
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/mol_type="mRNA"
/db_xref="taxon:9031"
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Pred. No. 1.4e-
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                  Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AZ386891 25 bp DNA linear GSS 02-OCT-200100146A08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0146A08 F, genomic survey sequence.
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Class: plasmid ends
                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0146 row: A column: 08
                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                       University of Utah Genome University of Utah
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Seq primer: CGTTGTAAAACGACGGCCAGT
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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strain="C57BL/6J"
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Pred. No. 1.4e+02;
D; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2001)
Contact: Frazer Murray
Dept. Genomics and Bioinformatics
                                                                                                                                                                                                                                                                                                                                                               Roslin Institute
Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Pax: +44 (0)131 440 0434
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High quality sequent
                                                                                                                                                                                                                                                                                       Email: frazer.murray@bbsrc.ac.
GCGGCCGCTTTTTTTTTTTTTTTTT 3'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gallus gallus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AL587774
AL587774.1 GI:13192808
EST.
Gallus gallus (chicken)
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                                                                                                                                                                                                           Seq primer: M13F
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pND2 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/organism="Gallus gallus"
/mol_type="mRNA"
/db_xref="taxon:9031"
                                                                                                                                   1. .26
                                                                                                                                                                     Location/Qualifiers
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/strain="C57BL/6J"
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87.5%;
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Pred. No. 1.4e+02;
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Poly A RNA purchased from Clonetech
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VERSION
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R26779/c
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                                                                                                                                                                                                                                                      High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1384 Std Error: 0.00
Seq primer: Promega -21m13
High quality sequence stop: 1.
Location/Qualifiers
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Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,B., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 R26779 26 bp mRNA linear EST 24-
yh44f66.81 Soares placenta ND2P Homo sapiens CDNA Clone
IMAGE:132611 3' similar to 9b:M85164 SERIM RESPONSE PACTOR
ACCESSORY PROTEIN 1A (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 1384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Washington University School of Medicine 4444 Forest Park Parkway, Box 8501, St. 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (1995)
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The WashU-Merck EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 87.5%;
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                                                                                                                                                                 /mol_type="mRNA"
/db_xref="GDB:538233"
/db_xref="taxon:9606"
                                                                                                                             /clone="IMAGE:132611"
/sex="Female"
                                                                                                                                                                                                                      'organism="Homo sapiens"
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Pred. No. 1.4e+02;
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Email: cgapbs r@mail.nih.gov

Tissue Procurement: Louis M. Staudt, M.D., Ph.D.

CDNA Library Preparation: Edge BioSystems

cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)

DNA Sequencing by: NIH Intramural Sequencing Center (NISC)

Clone distribution: MGC clone distribution information can be

found through the I.M.A.G.E. Consortium/LLNL at:

www-bio.llnl.gov/bbrp/image/image.html

Plate: LLCM0029 row: M column: 16

Seq primer: -21M13 forward primer (ABI).
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                                                                                                            CF291968 27 bp mRNA linear EST 14-AUG-2003 14ROOT--02-J21.b1 Rice root plasmid cDNA library (14ROOT) Oryza sativa (japonica cultivar-group) cDNA clone 14ROOT--02-J21, mRNA
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1 (bases 1 to 27)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
                                      CF291968.1 GI:33661001
EST.
                                                                              sequence.
CF291968
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                                                                                                                                                                                                                                                                                                                                                                                                             /note="Organ: Lymph; Vector: pOTB7a; Library
Edge BioSystems."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone_lib="NIH_MGC_3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /tissue_type="Burkitt lymphoma"
/cell_line="MGC4"
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                                                                                                                                                                                                                                                                                                                                                    Score 19; DB 1;
Pred. No. 1.6e+02;
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CF328811/c
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DEFINITION
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Losong, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          sequence.
CF328811
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NACL--03-009.b1 Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--03-009, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C. Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                   Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                   Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
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Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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                                                                                                                                                          bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
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/db_xref="Nackdong"
/db_xref="Nackdong"
/clone="14ROOT--02-721"
/tissue_type="root"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="Nice root plasmid cDNA library (14ROOT)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
                                                                                     organism="Oryza sativa/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
tissue_type="callus"/
                       /db_xref="taxon:39947"
/clone="NACL--03-009"
                                                                       cultivar="Nackdong"
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Pred. No. 1.6e+02;
0; Mismatches 5
                                                                                                                  (japonica cultivar-group)"
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CF329725/c
LOCUS
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VERSION
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       ACCESSION
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Best Local S
Matches 22
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Best Local Similarity
Matches 22; Conserv
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       sativa (japonica cultivar-group) cDNA clone NACL--06-F04,
sequence.
CF330557
                                                                       CF330557 27 bp mRNA linear EST 18-AUG-2003 NACL--06-F04.bl Rice callus plasmid cDNA library (NACL) Oryza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University YongIn, Kyeonggi, Korea
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Trach
Spermatophyta; Magmoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoidaae; Oryzeae; Oryza.
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CF329725.1 GI:33807665
EST.
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NACL--05-C12.bl Rice callus plasmid cDNA library (NACL) Oryza
Bativa (Japonica cultivar-group) cDNA clone NACL--05-C12, mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Nahm B.H
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                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                          /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/culTivar="Nackdong"
/db xref="taxon:39947"
/db xref="taxon:39947"
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/tissue_type="callus"
/tissue_type="pxoliferated callus on 2N6 media for 30 days"
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/lab_host="E.coli DH10B"
/clone_lib="Rice_callus_plasmid_cDNA_library_(NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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/(clone_lib="Rice callus plasmid cDNA library (NACL)"
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; Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+02;
0; Mismatches 5
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ORGANISM
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VERSION
KEYWORDS
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CF335229/c
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AUTHORS
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Best Local
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

E 1 (bases 1 to 27)
E 1 (bases 1 to 27)
S Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
LUmpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Lillopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
                                                                                                                  Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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EST:
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Similarity 81.5%;
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                                                                                            bhnahm@ggbio.com, bhnahm@bio.myongji.ac
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/lab_host="E.coli DH10B"
/clone_lib="Rice callus plasmid cDNA library (NACL)"
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with oligoribonucleotides and then used as templates for
RT-PCR."
/organism="Oryza sativa
/mol_type="mRNA"
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                                                                         Location/Qualifiers
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/mol_type="mRNA"
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/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone="NACL--06-F04"
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EST 17270 Green Grape Skin Triplex2 Library Vitis vinifera cDNA
clone B3CS00GL006G12 3', mRNA sequence.
CN545326
CN545326.1 GI:46909951
EST
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
Email: s.hamdi@bordeaux.inra.fr
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Universite de Bordeaux I, Institut National de la Recherche
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Agronomique 71, Avenue Edouard Bourleaux, BP 81,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Vitis vinifera
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                                                                          Conservative
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/lab_host="S.coli DH1OB"
/clone_lib="AtJMT-overexpressing transgenic rice plasmid
cDNA_lībrary (JMT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRN
was reverse transcribed and then used for PCR. mRNA was
pepared from Arabidopsis Jasmoinate Carboxyl
methyltransferase overexpression line."
                                                                                                                                              /dev_stage="green stage"
/clone_lib="Green Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                /organism="Vitis vinifera"

/mol type="mank"

/culfivar="Cabernet Sauvignon"

/db_xref="taxon:29760"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="JMT--04-N08"
                                                                                                                                                                                                                                clone="B3CS00GL006G12"
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Pred. No. 1.6e+02;
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CN545492/c
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CN545530/c
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                        Abbal, P., Agasse A., Ageorges, A., Atanassova, R., Barrieu, F., Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N. Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages Unpublished (2002)
Contact: Hamdi S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CN545530 27 bp mRNA linear EST 30 EST 17474 Ripe Grape Skin Triplex2 Library Vitis vinifera clone B3CS00RL003B09 3', mRNA sequence.
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
Unpublished (2002)
Contact: Hamdi S.
Contact: Hamdi S.
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EST 17436 Green Grape Skin Triplex2 Library Vitis vinifera cDNA
clone B3CS00GL005G05 3', mRNA sequence.
                                                                                                                                                                                                                                   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; Vitaceae; Vitis.

1. (bases 1 to 27)
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Universite de Bordeaux I, Institut National de la Recherche
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/clone_lib="Green Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda Tripl
SfiIA; Site_2: SfiIB; Oriented library"
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/mol type="maNA"

/cultivar="Cabernet Sauvignon"

/db_xref="taxon:29760"
Equipe Biologie de
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      la Vigne
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RESULT 137
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Matches 22
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EST 17541 Ripe Grape Skin clone B3CS00RL003H05 3', CN545597
CN545597.1 GI:46910222
EST:
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UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
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71, Avenue Edouard Bourleaux, BP 81, 33883 Villena
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Tel: 00-33-(0)5-57-12-25-50
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                                                                                                                                                                                                                                                                Email: s.hamdi@bordeaux.inra.
Seg primer: T7.
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/clone_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
Sfila; Site_2: SfilB; Oriented library"
                                                                                                                                                                  /organism="Vitis vinifera"
/mol_type="mRNA"
/cultivar="Cabernet_Sauvignon"
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/note="Organ: Fruit skin; Vector: Lambda Trip:
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Vitis vinifera
Vitis vinifera
Vitis vinifera
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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1 (bases 1 to 27)
Abbal,P., Agasse,A., Ageorges,A., Atanassova,R., Barrieu,P.,
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Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne Universite de Bordeaux I, Institut National de la Recherche Universite de Bordeaux I, Institut National de la Recherche
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clone B3CS00RL006F01
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Spermatophyta; Magnoliophyta;
rosids; Vitaceae; Vitis.
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/culfivar="Cabernet Sauvignon"
/db xref="taxon:29760"
/clone="B3CS00RL006F01"
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EST 18004 Ripe Grape Skin Triplex2 Library Vitis vinifera cDNA
clone B3CS00RL007H09 3', mRNA sequence.
CN546052
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EST.
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,

Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,

Hamdi, S., Romieu, C. and Terrier, N.

Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
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UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
Email: 8.hamdi@bordeaux.inra.
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
Email: s.hamdi@bordeaux.inra.fr
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Universite de Bordeaux I, Institut National de la Recherche
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71, Avenue Edouard Bourleaux, BP
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/clome_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
SfiIA; Site_2: SfiIB; Oriented library"
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/clone="B3CS00RL006H07"
                   /organism="Vitis vinifera"
/mol type="mRNA"
/cultivar="Cabernet Sauvignon"
/db_xref="caxon:29760"
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CN546337/c
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CN546337 27 bp mRNA linear EST 30-APR-200-
EST 18289 Green Grape Berry Lambda Triplex2 Library Vitis vinifera
cDNA clone B3CS1XGB015H08 3', mRNA sequence.
CN546337
CN546337.1 GI:46910962
EST.
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F., Accuture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
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CN546271.1 GI:46910896
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Fax: 00-33-(0)5-57-12-25-48
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Universite de Bordeaux I, Institut National de la Recherche
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: s.hamdi@bordeaux.inra.fr
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/clone_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda Trip:
Sfila; Site_2: SfilB; Oriented library"
                                                                                                                                                                                                                                                                                                                                          /dev stage="green stage"
/clone_lib="Green Grape Berry Lambda Triplex2 Library"
/clone_"Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="mRNA"
/cultivar="Cabernet Sauvignon"
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Pred. No. 1.6e+02;
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Pred. No. 1.6e+02;
0; Mismatches 5;
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UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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Abbal, P., Agasse, A., Agoorges, A., Atanassova, R., Barrieu, P.,
Abbal, P., Agasse, A., Agoorges, A., Atanassova, R., Barrieu, P.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
Unpublished (2002)
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Unpublished (2002)
Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
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Vitis vinifera
Vitis vinifera
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots;
rosids, Vitaceae, Vitis.
Email: s.hamdi@bordeaux.inra.fr
Seq primer: T7.
                                              Tel: 00-33-(0)5-57-12-25-50 Pax: 00-33-(0)5-57-12-25-48
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Tel: 00-33-(0)5-57-12-25-50
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/clone_lib="Green Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
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/mol_type="mRNA"
/cultivar="Cabernet Sauvignon"
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0; Mismatches 5;
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                                                                                                                                                                                                                                                                                                                                       Seq primer:
                                                                                                                                                                                                                                                                                                                                                          Email: s.hamdi@bordeaux.inra.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Vitis vinifera
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                                                                     Conservative
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                                                                                                                                     /dev_stage="ripe stage"
/clone_lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ; Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /dev_stage="ripe stage"
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/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
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/db xref="reaxon:29760"
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                                                                                                                                                                                                                                                                                     organism="Vitis vinifera"
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/db_xref="taxon:29760"
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                                                                                      0.3%;
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                                                                   Score 19; DB
Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+02
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ches 5;
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RESULT 145

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REFERENCE
AUTHORS
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AZ344642/c
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                                                                                                                                  DEFINITION
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JOURNAL
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Best Local
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                                                                                                                                                                                                                                                                                  5389 AATTAAAAAATACAAAAAAGAAAAAA 5415
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                                                    AZ344642 27 bp DNA linear GSS 29-SEP-200 1M0078H15R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0078H15 R, genomic survey sequence.

AZ344642 AZ344642.1 GI:10423879 GSS.
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27 bp mRNA linear EST 02-APR-
zb23e12.s1 Soares fetal lung NbHL19W Homo sapiens cDNA clone
IMAGE:302926 3' similar to gb:X59066 ATP SYNTHASE ALPHA CHAIN,
MITOCHONDRIAL PRECURSOR (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 27)
Hilliston,K., Hawkins,M.,
Hillistr,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Parsons,J., Rifkin,L., Rohlfing,T., Woares,M., Tan,F.,
Parsonskis,B., Waterston,R., Williamson,A., Wohldmann,P. and
                   Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: ET primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     The WashU-Merck EST Project
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /db_xref="taxon:9606"
/clone="IMAGE:302926"
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                                                                                                                                                                                                                                                                                                                                                                                               heart NbHH19W.
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Pred. No. 1.6e+02;
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                                                                                                                                                                                                                                                                                                                                                          Length 27;
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                                                                                                                                                    29-SEP-2000
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밁 S

SOURCE

ORGANISM

Mus musculus Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Rodentia;

Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus

Mus musculus (house mouse)

KEYWORDS VERSION

AZ401672.1

GI:10516746

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REFERENCE
AUTHORS
                                                                           RESULT 147
AZ401672/c
LOCUS
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                                                                                                                                                                                                     27
                                                                                                                                                                                                                                                                                                      22;
                  AZ401672 27 bp
1M0168K04R Mouse 10kb plasmid U
clone UUGC1M0168K04 R, genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0078 row: H column: 15
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 27)
AZ401672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       High quality sequence stop: 27.
                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                              Laboratory Mouse DNA Resources (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="B. Coli strain XL10-Gold, Tl-resistant, /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pWD42nv; Purified genomic DNA from hmusculus C57BL/6J (male) was obtained from the Jac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                             Score 19; DB 1;
Pred. No. 1.6e+02
                          bp DNA linear GSS 03-OCT-200 UUGCIM library Mus musculus genomic c survey sequence.
                                                                                                                                                                                                                                                                                                ..6e+02;
5;
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                                                                                                                                                                                                                                                                                                                                                                                            27
                                                                                                                                                                                   27 bp DNA linear GSS 03-OCT-201
1M0220B08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0220B08 R, genomic survey sequence
AZ434285
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Class: plasmid ends
High quality sequence stop: 27.
Location/Qualifiers
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Pax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0168 row: K column: 04
Seq primer: CACALGGAAACAGCTATGACC
Class: plasmid ends
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 27)
                                                                             Mus musculus
                                                                                                                                                      AZ434285
AZ434285.1 GI:10558298
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                                                                                                     musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab host="E. Coli strain XL10-Gold, T1-resistant, P-"
/(clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oilgonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwm42 (gil4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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/lab_host="
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 19; DB 1;
Pred. No. 1.6e+02;
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AZ458228
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Insert Length: 1000 Std Error: 0.
Plate: 020 row: B column: 08
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 27.
High quality sequence stop: 27.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (Dases 1 to 27)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
                                                                                                                                                          AZ458228
AZ458228.1 GI:10616353
GSS.
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1M0262C12F Mouse 10kb plasmid clone UUGC1M0262C12 F, genomic
                                                                                                      Mus musculus (house mouse)
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab host="B. Coli strain XL10-Gold, T1-resistant, P-"
/(clone 11b="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF19072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0220B08"
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81.5%; Pred. No. 1.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 27)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
                                                                                                                                                                                                                                     1M0315K21F Mouse 10kb plasmid clone UUGC1M0315K21 F, genomic
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Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical
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Insert Length: 10000 Std Error: 0.00
Plate: 0262 row: C column: 12
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                                                                                                                                             musculus (house mouse)
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
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UUGC1M library Mus musculus genomic
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Best Local Similarity 81.5%;
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                                                                                                                                                                                                               AZ495352
AZ495352.1
GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            27 AAAAAAAAAAAAAAAAAAAAAAAAAA 1
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; 1 (bases 1 to 27)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
                                                                                                                                                                                                                                                                                                                  AZ495352 27 bp DNA linear GSS 05-OCT-200
1M0331E14F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
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Unpublished (2000)
                                                                                                                                                         Mus musculus (house mouse)
Mus musculus
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Insert Length: 10000 Std Error:
Plate: 0315 row: K column: 21
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                       clone UUGC1M0331E14 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          High quality sequence stop: 27.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      84112,
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                                                                                                                              Eukaryota; Metazoa; Chordata;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AATTAAAAAATACAAAAAAGAAAAAA 5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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Pred. No. 1.6e+02;
                                                                                                      Craniata; Vertebrata; Euteleostomi;
Sciurognathi; Muridae; Murinae; Mus
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RESULT 152
AZ511894/c
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Insert Length: 10000 Std Error: 0
Plate: 0331 row; E Column: 14
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 27.
Location/Qualifiers
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Tel: 801 585 5606
Fax: 801 585 7177
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Musinae; Loaga; Loaga
                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1M0357E11F Mouse 10kb plasmid TUGCIM library Mus musculus clone UUGC1M0357E11 F, genomic survey sequence.
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파.
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Mouse whole genome scaffolding with paired end reads from 10kb
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pNP042 (gi|4732114 [gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
with adaptors complementary to the insert adaptors and
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/Clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD421V; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Pred. No. 1.6e+02;
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AUTHORS
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KEYWORDS
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Eukaryota; Netazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 27)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R., Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                  GSS.
                                                                                                                                                                                                                                                                                                               1M0369E24F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0369E24 F, genomic survey sequence.
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High quality sequence stop: 27.
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Insert Length: 10000 Std Er
Plate: 0357 row: E column:
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Fax: 801 585 7177
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus. 1 (bases 1 to 27)

Dunn, D., Abyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                             1M0445E17R Mouse 10kb plasmid
clone UUGCIM0445E17 R, genomic
AZ616094
AZ616094.1 GI:11738284
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Unpublished (2000)
Contact: Robert B.
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Insert Length: 10000 Std Erro
Plate: 0369 row: E column: 24
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Fax: 801 585 7177
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Location/Qualifiers
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from |
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/strain="C57BL/6J"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Insert Length: 10000 Std
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Fax: 801 585 7177
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Similarity 81.5%;
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Pred. No. 1.6e+02;
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AZ627847/c
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Best Local Similarity
Matches 22; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                       AZ627847 27 bp DNA linear GSS:13 1M0474011F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0474011 F, genomic survey sequence.
                                                                                                   Eukaryota, Metazos; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 27)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von. Niederhausern, A. and Wright, D., Weiss, R.
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AZ627847.1 GI:11750133
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Insert Length: 10000 Std Erro
Plate: 0460 row: D column: 12
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Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
Unpublished (2000)
Contact: Robert B. Weiss
                                                                             Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                             Mus musculus
                                                                                                                                                                                                                                                                                                                      Mus musculus (house mouse)
                                                    plasmid inserts
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USA
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0460D12"
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Pred. No. 1.6e+02
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AZ809295
                              COMMENT
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                                                   JOURNAL
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2M0073B15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0073B15 F, genomic survey sequence.
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plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
                                                                                              Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 27)
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Tel: 801 585 5606
Fax::801 585 7177
                                                                                                                                                                                                                                                                                                 Mus musculus
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Insert Length: 10000 Std Error:
Plate: 0474 row: O column: 11
Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone="UUGC1M0474011"
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'strain="C57BL/6J"
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Pred. No. 1.6e+02;
Pred. No. 1.6e+02;
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T. brucei
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Tel: 801 585 5606
Fax: 801 585 7177
nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
                                                         Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                        Hall,
                                                                                                                                                                                                                                                                                           Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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Seq primer: CGTTGTAAAACGACGGCCAGT
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Insert Length: 10000 Std Error:
Plate: 0073 row: B column: 15
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Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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quality sequence stop: 27.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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'clone="UUGC2M0073B15"
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Pred. No.
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DNA
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A clone
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Best Local S
Matches 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 y Match 0.3%;
Local Similarity 81.5%;
hes 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5389 ААТТАЛАЛАЛАТАСАЛАЛАДАДАЛАЛАЛ 5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welse, R., Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AZ382013 23 bp DNA linear GSS 02 1M0138M14R Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGCIM0138M14 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               to give a tight size distribution (
4 kb). The v + 1 method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                       Plate: 0138 row: M column: 14
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
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                                                                                                                                                                                                                                                                                                                 Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: nelsayed@tigr.org
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAAAAAAAAAAAAAAAAAAAAAA 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Trypanosoma brucei"
/mol type="genomic DNA"
/strain="TREU927"
/db xref="texon:5691"
/clone="355b06"
                                                                                                                                                                      organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                          'db_xref="taxon:10090"
'clone="UUGC1M0138M14"
                                                                                                                                                                                                                                                                  ocation/Qualifiers
                                                                                                    sex="Male"
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Pred. No. 1.6e+02;
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Laboratory Mouse DNA Resource

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Abdomen Library Anopheles gambiae cDNA 5', mRNA sequenc CD743368
CD743368.1 GI:49247179
EST.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          University of Notre Dame
Center for Tropical Disease Research and Training, Dept. of Biol. Sci., Notre Dame, IN 46556, USA
Tel: 574 - 631 - 3241
Fax: 574 - 631 - 3996
Email: adana@nd.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 24)
Dana,A.N., Lobo,N.F., Hillenmeyer,M.B. and Collins,F.H.
Hematophagy-associated gene expression patterns in adult female
Anopheles gambiae mosquitoes
Unpublished (2003)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              FORWARD: ctcgggaagcgcgccattgtgttgg
BACKWARD: atacgactcactatagggcgaattggc
Seq primer: ctcgggaagcgcgccattgtgtttgg.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Anopheles gambiae (African malaria mosquito)
Anopheles gambiae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PCR PRimers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Dana A.N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Neoptera; Endopterygota; Diptera;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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/note="Vector: lamdaTriplEx2 (Clontech); Site_1: Sfi IA; Site_2: Sfi IB; Plasmodium berghei-infected rat blood-fed adult female An. gambiae mosquitoes were flash frozen after a 30 hour incubation of adult mosquitoes at 19 degrees Celsius. Total RNA extracted from abdomens
                                                                                                                                               /clone_lib="Infected Rat Blood-fed (IRB) An.gam. 30 hr
Abdomen Library"
                                                                                                                                                                                                                                                                                                                                                                          /organism="Anopheles gambiae"
/mol_type="mRNA"
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                                                                                                                                                                                                        dev_stage="Pemale adult 5-7 days post eclosion"
lab_host="B. coli XLI-Blue"
                                                                                                                                                                                                                                                                                               db_xref="taxon:7165"
/sex="female"
                                                                                                                                                                                                                                                                    tissue_type="Abdomens"
                                                                                                                                                                                                                                                                                                                                                     strain="4Arr"
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Pred. No. 1.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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Unpublished (2000)
Contact: Robert B.
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Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
Plate: 0172 row: J column: 0
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Pax: 801 585 7177
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Mammalia; Euthoria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                /lab_host="B. Coli strain XL10-Gold, T1-resistant, P-"/Clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pW042nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  clone="UUGC1M0172J07"
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Pred. No. 1.5e+02;
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
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Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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AZ316353.1 GI:10364094
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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Length: 10000 Std Erro
                                                                                                                                                                                                                                                                                                                                                                                                                                                        /lab host="B. Coli strain XLIO-Gold, Tl-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PM942nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                  Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              db_xref="taxon:10090"
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Pred. No. 1.5e+02;
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COMMENT

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FEATURES

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chemically-competent E. coli XL10-Gold and selected for ampicillin resistance.
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SOURCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      26 bp DNA linear GSS 20-FEB-20
200080M20F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0080M20 F, genomic survey sequence
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Insert Length: 10000 Std Brror:
Plate: 0080 row: M column: 20
Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606 Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             University of Utah (University of Utah Rm. 308, Biomedical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        High quality sequence stop: 26.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           musculus (house mouse)
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               10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|473214|gb|ABF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                  /note="Vector: PWD42nv; Purified genomic
musculus C57BL/6J (male) was obtained fi
chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                           Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                 'lab_host="E. Coli strain XL10-Gold, T1-resistant, clone_lib="Mouse 10kb plasmid UUGC1M library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            clone="UUGC2M0080M20"
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                                                                                                                     N59260 25 bp mRNA linear EST 23 yz82d11.81 Soares multiple sciencesis 2NbHMSP Homo sapiens clone IMAGE:289557 3' similar to gb:M77693 DIAMINE ACETYLTRANSFERASE (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3359 Mississauga Road North, Mississauga, ON, L5L 1C6, Canada Tel: 905 569 4702
Fax: 905 828 3792
Email: bsaville@utm.utoronto.ca
Plate: UTM-UM-D126/7-006-UTM row: 05 column: G
Seq primer: T7 Reverse (5' GAGTAATACGACTCACTATAGGG 3')
High quality sequence stop: 25.
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CF638767 25 bp mRNA linear D06_G05 Filamentous Forced Diploid Ustilago maydis
                             Homo sapiens (human)
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Fungal Genet. Biol. 41 (3), 349-360 (2004)
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Gene Expression during Ustilago maydis Diploid Filamentous Growth:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ustilago maydıs
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                                                                                   N59260.1 GI:1203150
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Ustilaginomycetidae; Ustilaginales; Ustilaginaceae; Ustilago.
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                                                                                                                                                                                                                                                                                                                                                                                                                      /strain="FBD12"
/db xref="taxon:5270"
/db xref="Mycella"
/ceIl_type="Mycella"
/dev_stage="Filamentous diploid"
/clone_lib="Filamentous Forced Diploid"
/clone="Vector: pSport; mNNA was extracted from diploid
mycella. A cDNA library was constructed and
unidirectionally cloned into pSPORT plasmid, with the use
of the Superscript II cDNA Library Construction Kit."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Barry J. Saville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Ustilago maydis"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
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90.9%;
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Pred. No. 1.6e+02;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 26)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 25)
Hiller,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,B., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                          AZ355083.1 GI:10467134
                                                                                                                                                                                                                                                                                                                   1M0094D14R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0094D14 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   This clone is available royalty-free through LINL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality Seq primer: m13 -40 forward High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Wilson, R.
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                                                                                                                                                                                                                            Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      double-stranded cDNA was size selected, ligated to Bco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from 4 multiple sclerosis lesions from one patient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH). "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone lib="Soares multiple_sclerosis 2NDHMSP"
/note="Vector: pT7T3D (Pharmacia) with a modified
polylinker V TYPE; phagemid; Site 1: Not I; Site 2: Eco
RI; 1st strand cDNA was primed with a Not I - oligo(dT)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3905397"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /tissue_type="multiple sclerosis lesions"
/dev_stage="Age 46"
/lab_host="DH10B (ampicillin_resistant)"
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Pred. No. 1.6e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Class: plasmid ends
High quality sequence stop: 26.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                 AZ437459 26 bp DNA linear GSS 03-OCT-20
1M0225B15R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
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Insert Length: 10000 Std Error: 0.00
Plate: 0094 row: D column: 14
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 26)
                                                                                                                                                                                                                                                          AZ437459.1 GI:10561472
GSS.
                                                                                                                                                                                                                                                                                                           AZ437459
                                                                                                                                                                                                                                                                                                                              clone UUGC1M0225B15 R,
plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XI-lo-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Pred. No. 1.
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Best Local Similarity
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AZ623156.1
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                                                                                                                                                                                                                                       Mus musculus
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JOURNAL
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 26)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R., Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                      AZ623156 26 bp DNA linear GSS 13-DEC-200 1M0460L01R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0460L01 R, genomic survey sequence.
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Insert Length: 10000 Std Error: 0.00
Plate: 0225 row: B column: 15
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                             Mus musculus (house mouse)
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strain="C57BL/6J"
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Pred. No. 1.7e+02;
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Matches 21; Conserv
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                                          AUTHORS
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                                                                                                                                                                                                                                                                                                                        sequence.
AG201580
Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Eun,(Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Direct Submission
                                                                                                      Park,H., Kim,Y., Kim,S., Han,Y., Woo,T., Park,K., Bun,C.J., Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H. BAC end sequences of Library RP-43
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Insert Length: 10000 Std Error:
Plate: 0460 row: L column: 01
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Fax: 801 585 7177
                                                                                                                                                                                         Pan troglodytes
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Pan.
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GSS.
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                                                                                  Unpublished
                                                                                                                                                                                                                                                         Pan troglodytes (chimpanzee)
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="texon:10090"
/clone="UUGC1M0460L01"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab_host="8. Coli strain XL10-Gold, T1-resistant, F-"/Clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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Pred. No. 1.7e+02;
0; Mismatches 4;
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                                                                                                                                                                                                                                                                                                                                                                8 bp DNA
RP43-084C22.T7,
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                                          Eun, C.J.,
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survey
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Matches 21; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welss, R.

Nouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea (E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AZ464354 22 bp DNA line 1m0273m11R Mouse 10kb plasmid UUGC1M library Mu clone UUGC1M0273m11 R, genomic survey sequence.
                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Exror: 0.00
Plate: 0273 row: M column: 11
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                          University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 22)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus (house mouse)
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igh quality sequence stop: 22.
Location/Qualifiers
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R.Site 1 : EcoRI
R.Site 2 : EcoRI.
Location/Qualifiers
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/mol type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-084C22.T7"
/sex="male"
/organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC1M0273M11"
                                                                                                                                                                                                                                                                                                                                                                                      Biomedical Polymers Research Bldg., 20
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/clone_lib="RP-43 Chimpanzee Male BAC Library"
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Pred. No. 1
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Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred
v0.020425.c. Vector identified by cross match with the -minscore 20
and -minmatch 12 options. Vector:pblueScriptII(SK+) R. Site1: EcoRI
R. Site2: SmaI 5' Seq Primer T3 Normalised library constructed from
bovine ovary. Clones available from UK Centre for Functional
Genomics in Farm Animals, Roslin Institite, Roslin, Midlothian, UK,
EH25 9PS, www.arkgenomics.org.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AJ695799 KN261 Bos taurus cDNA clone
AJ695799 KN261 Bos taurus cDNA clone
AJ695799
AJ695799,1 GI:49429218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Roslin Institute
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Genomics and Bioinformatics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  embryo development in pigs and cattle Unpublished (2004)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 23)
Anderson, S.I., Finlayson, H.A. and Archibald, A.L.
Development of cDNA and EST resources for studyi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae;
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/lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
/note="Vector: pBlueScriptII(SK+); Site 1: EcoRI; Site_2: SmaI; Single pass sequencing. Normalised library constructed from bovine ovary."
                                                                                             /clone="KN261-055_007"
/tissue_type="ovary"
/clone_lib="KN261"
                                                                                                                                                                                                                            organism="Bos taurus"
|mol_type="mRNA"
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Pred. No. 1.5e+02;
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REFERENCE AUTHORS

COMMENT

JOURNAL TITLE

FEATURES

Query Match

0.3%;

Score 18.2;

B

1;

Length 23;

and Genetics Institute,

GreenGene Biotech

VERSION KEYWORDS DEFINITION ACCESSION

SOURCE

ORGANISM

RESULT 171 AJ695799/c

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Matches

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Matches 20; Conserv
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Dept. of Preclinical Veterinary Sciences

Royal School for Veterinary Studies

Royal School for Veterinary Studies

Summerhall, Edinburgh, EH9 10H, UNITED KINGDOM

Sequencing was performed by ARK genomics. This clone is availal from ARK- Genomics, Roslin Institute, Roslin, Midlothian EH25 from ARK- Genomics, Roslin Institute, Roslin, Midlothian EH25 UK. See www.ark- genomics.org or contact info@arkgenomics.org.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20;
                                             1 (bases 1 to 23)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                           Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Ehrhartoideae, Oryzeae, Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CF279238 23 bp mRNA linear EST 14-AUG-20 14ETL--05-H12.gl Rice etiolated leaf plasmid cDNA library (14ETL) (14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AJ747297
AJ747297.1 GI:49917514
EST.
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AJ747297 reverse - unstimulated
BCrofa CDNA clone R_1_D05, mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; 1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Development of a porcine cDNA microarray Unpublished (2004)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sus scrofa (pig)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    mRNA sequence.
CF279238
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                               Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                 CF279238.1 GI:33656624
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                macrophage"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Sus scrofa"
/mol_type="mRNA"
/db_xref="taxon:9823"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            'cell_type="macrophage"
'clone_lib="reverse - unstimulated minus stimulated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 'clone="R_1_D05"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Score 18.2; DI
; Pred. No. 1.6e.
0; Mismatches
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); Mismatches 3;
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Inc.; Division
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Sus.
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VERSION
KEYWORDS
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CF297943/c
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Best Local S
Matches 20
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Query Match
Best Local Similarity
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6135 Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                   Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6153 Fax: 82 31 321 6355
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7LEAF--01-B24.bl Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--01-B24, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CF297943.1 GI:33669704
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Nahm B.H.
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                                                                                                                                                                                                                                                                                                                  bhnahm@ggbio.com, bhn
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           bhnahm@ggbio.com,
                                                         /tissue_type="leaf"
/dev_stage="7 days after germination"
/lab_host="E_coli DH10B"
/clone lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was cappe
with oligoribonucleotides and then used as templates fo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           with oligoribonucleotides RT-PCR."
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/clone="14ETL--05-H12"
/tissue_type="leaf"
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(mol_type="mRNA"
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                                                                                                                                                                                                /db_xref="taxon:39947"
/clone="7LEAF--01-B24"
                                                                                                                                                                                                                                       organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               note="Vector: pCR4-TOPO;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
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    0.3%;
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Pred. No. 1.6e+02;
    Score 18.2;
Pred. No. 1.
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                                                                                                                                                                                                                                                                              (japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (japonica cultivar-group)"
    DB 1;
.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Site 1: EcoRI; mRNA was capped and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 23;
                      Length 23
                                                                                                                                                                                                                                                                              cultivar-group) "
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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CF310501/c
                                                                             ACCESSION
VERSION
KEYWORDS
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CF319212/c
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AUTHORS
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Best Local
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                                          ORGANISM
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                                                                                                                   CF319212 23 bp mRNA linear E HD--09-K06.bl OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) c HD--09-K06, mRNA sequence.
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University Yongin, KyeongJi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                               CF319212.1 GI:33690973
EST.
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                                                                                                                                                                                                                                                                                                                                                                                                           Similarity
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Location/Qualifiers
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/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="ABP--05-C24"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /dev_stage="14 days after germination"
/lab_host="S.coli DH10B"
/clone_lib="AB73_overexpressing transgenic rice plasmid /clone_lib="AB73_overexpressing transgenic rice plasmid /cDNA lībrary (ABP)"
/note="Vector: pCR4-TOP0, Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
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Pred. No. 1.
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cDNA clone
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                                                                                                               Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                              Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Louis, Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clome_lib="OsHADC1-overexpressing transgenic rice plasmid
/clome_lib="OsHADC1-overexpressing transgenic rice plasmid
cDNA lībrary (HD)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was
reverse transcribed and then used for PCR. mRNA was
reverse transcribed and then used for PCR. mRNA was
derived from rice Histone Deacetylase overexpression
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/mol_type="mRNA"
/cultivar="Nackdong"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                             organism="Oryza sativa/mol_type="mRNA"
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'clone="HD--09-K06"
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Pred. No. 1.6e+02;
0; Mismatches 3;
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                                                                    (japonica cultivar-group) "
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AUTHORS
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RESULT 179
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
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Similarity 87.0%;
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nilarity 87.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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lab_host="E.coli_SOLR"
                                                                                                                                                                                                                                                                                                           0;
                                                                                                                                                                                                                                                                                                           Score 18.2; D
Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+02;
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                                                                                                                                                                                                                                                                                                                                                  1.6e+02
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Best Local Similarity
Matches 20; Conserv
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oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magmoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                         1 (bases 1 to 23)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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JMT--04-A14.gl AtJMT-overexpressing transgenic rice | library (JMT) Oryza sativa (japonica cultivar-group) JMT--04-A14, mRNA sequence.
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzae; Oryza.

1 (bases 1 to 23)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                  Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongdi University Yongin, Korea Korea 131 310 6193

Fax: 82 31 321 6355
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CF334657.1 GI:33817648
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Genomics and Genetics Institute, GreenGene Biotech In
Genomics and Bioinformatics, MyongJi University
of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                                                                                      Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TTAAAAAATACAAAAAAGAAAA 5413
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/mol type="mRNA"
/multivar="Nackdong"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/db_xref="taxon:39947"
/clone="NACL--05-B19"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/note="proliferated callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
bhnahm@ggbio.com,
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Pred. No. 1.6e+02;
0; Mismatches 3;
bhnahm@bio.myongji.ac.kr
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CN545940/c
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Best Local Similarity
Matches 20; Conserv
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      5393 AAAAAAATACAAAAAAGAAAAAA 5415
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EST 17885 Ripe Grape Sclone B3CS00RL006F03 CN545940
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Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Vitis vinifera
Vitis vinifera
                                                                                                                                                                                                                                                                                                                                                                  Tel: 00-33-(0)5-57-12-25-50 Fax: 00-33-(0)5-57-12-25-48 Email: s.hamdi@bordeaux.inra
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; Vitaceae; Vitis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2002)
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/dev_stage="14 days after germination"
/lab_host=="B.coli DH10B"
/clone lib="AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl methyltransferase overexpression line."
                                                                                                                     /dev_stage="ripening stage"
/clone_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2;
SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                     /organism="Vitis vinifera"
|mol type="mxNA"
|cultivar="Cabernet Sauvignon"
|db xref="taxon:29760"
|/clone="B3CSOORLOO6F03"
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/clone="JMT--04-A14"
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                                         0.3%; Score 18.2; DB 1:
87.0%; Pred. No. 1.6e+02:
tive 0; Mismatches
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Skin Triplex2 Library Vitis vinifera cDNA
3', mRNA sequence.
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Pred. No. 1.6e+02;
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1 (bases 1 to 23)

Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, P., Couture, C., Dedaldechamp, P., Deltot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N.

Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CN546520
23 bp mRNA linear EST 30-APR-2004
EST 18664 Ripe Grape Berry Lambda Triplex2 Library Vitis vinifera
cDNA Clone B3CS57RB007H08 3', mRNA sequence.
                                                                                                                    Trichomonas vaginalis
Eukaryota; Parabasalidea; Trichomonada; Trichomonadida;
Trichomonadidae; Trichomonadinae; Trichomonas.
                                                                                                                                                                                                                     mRNA sequence.
CO577495
CO577495.1 GI:50407891
                                                                                                                                                                                                                                                                             CO577495 CD577495 PT cDNA Library Trichomonas vaginalis cDNA 5',
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                       EST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 00-33-(0)5-57-12-25-50 Fax: 00-33-(0)5-57-12-25-48
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71, Avenue Edouard Bourleaux,
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EST.
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                                                          Zhou,Y., Shu,W.M., Huang,S.C.C., Huang,K.Y. and Tang,P. Analysis of Gene Expression Profile in Trichomonas vaginalis
Contact: Tang, P.
                    Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
                                                                                                                                                                                Trichomonas vaginalis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /dev_stage="ripe stage"
/clome_lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Vitis vinifera"
/mol_type="mRNA"
/cultivar="Cabernet Sauvignon"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   db_xref="taxon:29760"
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Pred. No. 1.6e+02;
0; Mismatches 3;
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AUTHORS
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AZ309219/c
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Local Similarity 87.0%;
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                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: 6dunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0013 row: G column: 08
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                       84112,
                                                                                                                                                                                                                                                                                                                                                                 plasmid inserts
Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                            Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ309219 23 bp DNA linear GSS 29-SEP-20 1M0013G08F Mouse 10kb plasmid UUGCIM library Mus musculus genomic Clone UUGCIM0013G08 F, genomic survey sequence.
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Fax: +886 3 3283031
Email: petang@mail.cgu.edu.tw
                                                                                                                                                                                                                                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Ress
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Chang Gung University 259 Wenhwa 1st. Road,
                                                                                                               High quality sequence stop: 23.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Trichomonas vaginalis"
/mol type="mRNA"
/db xref="taxon:5722"
/ceIl line="ATCC30236"
/dev_stage="Trophozoites at mid-log phase"
/lab host="XLI Blue-MRF""
/clone lib="Tv30326 PT cDNA Library"
/note="Vector: Lambda ZAP-Express (Stratagene);
EcoRI; Site_2: XhoI"
                                /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                'db_xref="taxon:10090"
                                                                      organism="Mus musculus"
clone="UUGC1M0013G08"
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Pred. No. 1.6e+02;
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length; 10000 Std Brro
Plate: 0017 row: L column: 12
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                               Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                Unpublished (2000)
Contact: Robert B.
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                                                                                                                                                                            quality sequence stop: 23.
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                                                                                                                                                                                                                                                                                                                                      USA
                                                                         organism="Mus musculus"
/mol_type="genomic DNA"
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'lab_host="E. Coli strain XL10-Gold, T1-resistant,
                                    clone="UUGC1M0017L12"
                                                           db_xref="taxon:10090"
                                                                                                                                                      ocation/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0028 row: O column: 06
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
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Location/Qualifiers
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musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resources
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant,
/clone_lib="Mouse 10kb plasmid UUGCIM library"
                                                                                                            /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                     clone="UUGC1M0028006"
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Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                    Std Error: 0.00
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Query Match Best Local Similarity

0.3%;

Score 18.2; DB 1; Length 23; Pred. No. 1.6e+02;

0

and selected for ampicillin resistance."

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynuclectide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAD42 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for amnifillin resistance "

/clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson

'lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

Laboratory Mouse DNA Resource (http://www.jax.org/resources/

/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson

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RESULT 187
AZ313922/c
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ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AUTHORS
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                                                                                                                                                                                                                                                    source
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                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brrc
Plate: 0030 row: A column: 0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AZ313922 23 bp DNA linear GSS 29 IM0030A02R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0030A02 R, genomic survey sequence.
AZ313922
                                                                                                                                                                                                                                                                        High quality sequence stop: 23.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                        Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared NNA was blunt end-repaired with T4 NNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGC1M library"/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                      sex="Male"
                                                                                                            'db_xref="taxon:10090"
'clone="UUGC1M0030A02"
                                                                                                                                                                                                                      organism="Mus musculus"
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Pred. No. 1.6e+02;
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VERSION

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COMMENT

TITLE

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> > Laboratory Mouse DNA Resource
> > (http://www.jax.org/resources/documents/dhares/). The DNA
> > was hydrodynamically sheared by repeated passage through a
> > 0.005 inch orifice at constant velocity. The sheared DNA
> > was blunt end-repaired with T4 DNA polymerase and T4
> > polynucleotide kinase. Adaptor oligonucleotides were
> > ligated to the blunt ends in high molar excess. The
> > adaptored DNA was purified and size-selected for a 9.5 to
> > 10.5 kb range using preparative agarose gel
> > electrophoresis. Vector DNA was prepared from a derivative
> > of pw042 (gi|4732114|gb|AF129072.1), a copy-number
> > inducible derivative of plasmid R1. The vector was ligated
> > with adaptors complementary to the insert adaptors and
> > purified. The sheared, adaptored mouse DNA was annealed to
> > adaptored vector DNA, and transformed into
> > chemically-competent E. coli XL10-Gold (Stratagene) cells
> > and selected for ampicillin resistance." musculus C57BL/6J (male) was obtained from the Jackson

JOURNAL COMMENT REFERENCE AUTHORS SOURCE ORGANISM ACCESSION VERSION FEATURES RESULT 188 AZ351354 KEYWORDS DEFINITION Query Match Best Local S Matches 20 TITLE source 5393 АЛАЛАЛАТАСАЛАЛАЛСАЛАЛА 5415 23 AAAAAAAAAAAAAAAAAAAAAA 1 20; Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0089 row: D column: 19
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends plasmid inserts
(7000)
(Inpublished (7000)
(Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 23)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. A2351354 23 bp DNA linear GSS 29-SEP-20 1M0089D19F Mouse 10kb plasmid UUGC1M library Mus musculus genomic Clone UUGC1M0089D19 F, genomic survey sequence. High quality sequence stop: 23.
Location/Qualifiers Mus musculus 84112, Mouse whole genome scaffolding with paired end reads from 10kb Mus musculus (house mouse) AZ351354.1 GI:10430591 Similarity 308, Conservative USA Biomedical /lab host="E. Coli strain XL10-Gold, T1-resistant, /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from Nusculus C57BL/6J (male) was obtained from the Jac clone="UUGC1M0089D19" mol_type="genomic DNA" strain="C57BL/6J" sex="Male" db xref="taxon:10090" organism="Mus musculus" 0.3%; Polymers Research Bldg., 0 Score 18.2; DB 1; Pred. No. 1.6e+02; Mismatches DB 1; Length 23; 20 S. 2030 GSS 29-SEP-2000 <u>.</u> from M. ; ¤ Gaps SLC, ΕŢ S 0

Laboratory Mouse DNA Resource

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ORGANISM
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AZ357645
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                           Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0099 row: C column: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
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gh quality sequence stop: 23.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
                                                                                                                                                                                                                            mol_type="genomic DNA"
strain="C57BL/6J"
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clone="UUGC1M0099C23"
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Score 18.2; DB 1 Pred. No. 1.6e+02

DB 1;

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FEATURES

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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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REFERENCE
AUTHORS
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VERSION
KEYWORDS
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AZ419236/c
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Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0195 row: H column: 07
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University of Utah Genome Center
University of Utah
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Unpublished (2000)
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mus musculus (house mouse)
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igh quality sequence stop: 23.
Location/Qualifiers
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USA
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                                                                                                                                          /organism="Mus musculus"
/mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC1M0195H07"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Biomedical Polymers Research Bldg., 20
                                                                                                                      /Bex="Male"
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(http://www.jax.org/resources/documents/dnares/). The DNA

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SOURCE
ORGANISM
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AZ461220
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                                                                                                                                                                                                                                                                                                                                                                        High
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                                                                                                                                                                                                                                                                                                                                                                                                                            Plate: 0267 row: D column: 05
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606 Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
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h quality sequence stop: 23.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                    /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PW042nv; burified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso
Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/).
                                                                                                                                                               /sex="Male"
                                                                                                                                                                                                                                       /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                        clone="UUGC1M0267D05"
                                                                                                                                                                                                                 db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                              organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Std Error: 0.00
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KEYWORDS VERSION

FEATURES

hydrodynamically sheared by repeated passage through

COMMENT

TITLE

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Query Match
Best Local Similarity
Matches 20; Conserv Conservative 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0.3%; 0; Mismatches Score 18.2; Pred. No. 1. 1.6e+02; DB 1; Length Indels 0 Gaps 0

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REFERENCE
AUTHORS
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AZ465327/c
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23 bp DNA linear GSS 04-OCT-20-
1M0275K12F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0275K12 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0275 row: K column: 12
Seq primer: CGTTGTAAAACGACGGCCAGT
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Contact: Robert B.
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNI (http://www.jax.org/resources/documents/dnares/). The DNI was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA
                                                                                              /note="Vector: PWD42nv; Purified genomic DNA musculus C57BL/6J (male) was obtained from t
                                                                                                                                                                                                                /db_xref="taxon:10090"
/clone="UUGC1M0275K12"
                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                        ocation/Qualifiers
                                                                                                                                                                                            sex="Male"
                                                                                                                                                                                                                                                                                                              organism="Mus musculus"
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                                                                                                ic DNA from M. from the Jackson
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                                               The DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 23)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, Whole genome scaffolding with paired end reads from 10kb Mouse, Whole genome scaffolding with paired end reads from 10kb
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1M0306E11F Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0306E11 F, genomic survey sequence.
AZ481702
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bmail: ddurn@genetics.utah.edu
Insert Length: 10000 Etdt Error: 0.00
Plate: 0306 row: E column: 11
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Class: plasmid ends
High quality sequence stop: 23.
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Fax: 801 585 7177
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Mus musculus
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GSS.
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
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                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                    'sex="Male"
                                                                                                                                                                                                                                                                                         clone="UUGC1M0306E11"
                                                                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"
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0; Mismatches 3;
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REFERENCE AUTHORS ACCESSION VERSION KEYWORDS RESULT 194 AZ588254/c DEFINITION Matches Query Match Best Local S JOURNAL ORGANISM source 5393 ААААААТАСАААААСААААА 5415 20; 23 AAAAAAAAAAAAAAAAAAAAAA 1 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 23) AZ588254.1 GSS. AZ588Z54 23 bp DNA linear GSS 1: 1M0396O24F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGCIM0396O24 F, genomic survey sequence. Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Err Plate: 0396 row: O column: 2 Tel: 801 585 5606 Fax: 801 585 7177 Unpublished (2000) plasmid inserts Mus musculus Seq primer: CGTTGTAAAACGACGGCCAGT Mus musculus (house mouse) Similarity ass: plasmid ends
gh quality sequence stop: 23.
Location/Qualifiers 308, Conservative polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." USA /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were Biomedical Polymers Research Bldg., /organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" /db_xref="taxon:10090" /clone="UUGC1M0396024" sex="Male" GI:11710444 row: O column: 24 0.3%; 0; Mismatches Score 18.2; DB 1 Pred. No. 1.6e+02 Std Error: 0.00 DB 1; Length 23; 20 S. 2030 B., SLC, GSS 13-DEC-2000 0 Gaps genomic S 0

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Insert Length: 10000 Std Erro
Plate: 0405 row: C column: 0
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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(http://www.jax.org/resources/documents/dnares/). The DNA
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0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
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                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"
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Location/Qualifiers Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0436 row: N column: 07 University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., Seq primer: CGTTGTAAAACGACGGCCAGT Tel: 801 585 5606 Fax: 801 585 7177 plasmid inserts Unpublished (2000) Mus musculus AZ610785.1 Contact: Robert B. Mouse whole genome scaffolding with paired end reads from 10kb Mus musculus (house mouse) Similarity lass: plasmid ends Conservative USA adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWDA2 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid kl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." musculus C578LI/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to /lab_host="B. Coli strain XL10-Gold, T1-resistant, F /clone_lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from M. organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" db_xref="taxon:10090" clone="UUGC1M0436N07" sex="Male" GI:11732975 0.3%; Weiss <u>,,</u> Score 18.2; Pred. No. 1.6 Mismatches 1.6e+02 0 DB 1; . Length 23; Indels 20 S. 2030 E., GSS 13-DEC-2000 0 Gaps genomic SLC, S 0

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Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in nolar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel
                                                                                                                                                                                                                             /lab host="B. Coli strain XL10-Gold, T1-resistant, P-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                             db_xref="taxon:10090"
clone="UUGC1M0514E09"
                                                                                                                                                                                                                                                                                                                                                                                                                mol_type="genomic DNA"
|strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                          sex="Male"
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electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114/gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored must but was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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5393 ААААЛААТАСАЛАЛАДАЛАЛАЛ 5415
                               Similarity
                      Conservative
                               0.3%;
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0; Mismatches 3;
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AZ654903
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1M0529D03R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0529D03 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0529 row: D column: 03
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Pax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" (clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: pwD42Tnv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                     sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                  clone="UUGC1M0529D03"
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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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AZ778751.1 GI:12908711
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0014 row: O column: 08
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
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clone="UUGC2M0014008"
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Res
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
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2M0033C07F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC2M0033C07 F, genomic survey sequence.
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Insert Length: 10000 Std Error: 0.00
Plate: 0033 row: C column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi[4732114]gb[AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
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                                                                                                                                                                                                                                                                                                                                                                     /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGC1M library"/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 1.6e
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0045 row: K column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
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Tel: 801 585 5606
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 23)
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/ Hab host="Re. Coli strain XL10-Gold, T1-resistant, F-"
//clone_lib="Mouse_10kb plasmid UUGC1M library"
//clone_lib="Mouse_10kb plasmid UUGC1M library"
//note="Vector: pW042nv; Purified genomic DNA from M.
musculus CS7BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                           'sex="Male"
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/clone="UUGC2M0045K24"
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Pred. No. 1.6e+02;
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Unpublished (2000)
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Insert Length: 10000 Std Err
Plate: 0165 row: B column: 1
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University of Utah Genome Center
University of Utah
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2M0165B14F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC2M0165B14 F, genomic survey sequence.
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High quality sequence stop: 23.
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                     /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db_xref="taxon:10090"
/clone="UUGC2M0165B14"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
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Pred. No. 1.6e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Std Error:
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RESULT 203
AZ939608
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
High quality semmers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AZ939608 23 bp DNA linear GSS 20 2M0198107R Mouse 10kb plasmid UUGC2M library Mus musculus clone UUGC2M0198107 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0198 row: I column: 07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             plasmid inserts
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus
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Location/Qualifiers
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMM42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (Genale) was obtained from the Jack
                                                                                                                                                                                                                                                                                                                                      Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Mus musculus'
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           'sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /clone="UUGC2M0198I07"
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Pred. No. 1.6e+02;
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COMMENT

JOURNAL

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FEATURES

adaptored vector DNA,

and

transformed

VERSION KEYWORDS

ACCESSION

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SOURCE

REFERENCE

AUTHORS

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Matches

chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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SOURCE
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VERSION
KEYWORDS
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BH000534/c
LOCUS
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Best Local Similarity
Tatches 20; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0288 row: B column: 03
Seq primer: CACACAGGAAACAGCTATGACC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606 Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      308,
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAD2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                                 /lab host="E. coli strain XL10-Gold, T1-resitant, F./Clone lib="Mouse 10kb plasmid UUGC2M library" note="Vector: pW942nv, Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jac
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mol_type="genomic DNA"

strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="UUGC2M0288B03"
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Pred. No. 1.
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UUGC2M library Mus musculus genomic
c survey sequence.
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4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                            Trypanosoma brucei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: neleayed@tigr.org
Details of T. brucel sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucel/.
Location/Qualifiers
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
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Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
Submitted (10-DEC-2000) Trypanosoma brucei genome Campus, Hinxton,
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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genomic survey sequence.
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
Trypanosoma.
                                                                 Trypanosoma brucei
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/mol_type="genomic DNA"
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/clone="151c02"
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4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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                                                                                                                                                                                                                                              nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically shear
                                                                                                                                                                                                                                                                                                                                      Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                        Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G. Direct Submission
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4 kb). The v + 1 method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically shear
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                                     Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
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/strain="TREU927"
/db_xref="taxon:5691"
/clone="274b03"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing project Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality Scores: PHRED from University of Washingtion Genome Center. Vector Trimming: cross match from University of Washingtion Genome Center PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley Drosophila Genome Project. University of Washingtion Genome Center: http://www.genome.washington.edu Low Quality Sequence: 24 contiguous PHRED high quality bases following vector sequence. Very Low Quality Sequence: Trace file contained 24 contiguous distinct peaks following vector sequence. Polyadenylation: Based upon the presence of a XhoI site followed by a run of 14 or more T residues at the beginning of the sequence, this cDNA insert was
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AW247159.1 GI:6590152
EST.
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Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
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Other ESTS: 2819627.5prime
Contact: Robert Strausberg, Ph.D.
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National Institutes of Health, Mammalian Gene Collection (MGC)
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1 (bases 1 to 24)
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                                                                     /lab host="DH108 (phage-resistant)"
/clone lib="NIH_MGC 7"
/clone lib="NIH_MGC 7"
/clone lib" NIH_MGC 7"
/note="Organ: lung; Vector: pOTB7; Site_1: XhoI; Site_2: forgan: lung; Vector: pOTB7; Site_1: XhoI; Site_2: forgan: lung; Vector: poTB7; Site_1: XhoI; Site_2: forgan: lib; Site_3: S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /clone="IMAGE:2819627"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
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/mol_type="mRNA"
/db_xref="taxon:9606"
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/db_xref="taxon:5691"
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87.0%; Pred. No. 1.6e+02
    0.3%; Score 18.2;
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BX554611 Glossina morsitans morsitans adult infected gut Glossina morsitans morsitans cDNA clone Tse16d06_plc, mRNA sequence.

BX554611
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Institute of Neuroscience
320 Yue Yang Road, Shanghai 200031,
Tel: 86-21-64748700-121
Fax: 86-21-64713446
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Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
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DRNBAF06 Rat DRG Library Rattus norvegicus cDNA clone DRNBAF06 5',
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Seq primer: T3 POLYA=No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: xu.zhang@ion.ac.cn
This clone is also available at Chinese National Human Genome
This clone is also available at Chinese National Human Genome
Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech Park,
Pudong New Area, P.R.China. Please contact with Zhang Xu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Mētazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
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BACKWARD: T7
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PCR PRimers
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                                                                                                                                                                                                                                                                                                                       /tissue_type="dorsal root ganglion"
/dev_stage="adult"
                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Rattus norvegicus"
/mol_type="mRatA"
/strain="Sprague-Dawley"
/db_xref="taxon:10116"
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                                                                                                                                                                                                                                                 Score 18.2; DB 1;
Pred. No. 1.7e+02;
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                                                                                                                                                     AUTHORS
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                                                                                                                                                                    Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Cyza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
1 (bases 1 to 24)
Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                              Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Glossina moreitans moreitans
Elexaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Hippoboscoidea; Glossinidae; Glossina.

1 (bases 1 to 24)
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                                                                                                                                                                                                                                                                                                                         CF276855
CF276855.1 GI:33654241
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14ETL--02-C19.gl Rice etiolated leaf plasmid cDNA library (14ETL)

Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--02-C19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                School of Biological Sciences,
University of Wales,
Bangor LL57 2UW
All clones with suffix qlc are
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pathogen Sequencing Unit
The Sanger Institute The Wellcome Trust Genome Campus
Hinxcon, Cambridge, CB10 18A, UK
Request for clones, please contact: Mike Lehane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lehane, M.J., Aksoy, S., Gibson, W., Kerhornou, A., Berriman, M., Hamilton, J., Soares, M.B., Bonaldo, M.F., Lehane, S. and Hall, N. Adult midgut expressed sequence tags from the tsetee fly Glossina morsitans morsitans and expression analysis of putative immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BX554611.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="country: Zimbabwe; EST from adult gut infected with T.brucei"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone="Tse16d06_plc"
/tissue_type="adult infected gut"
/clone_lib="Glossina morsitans mor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Glossina morsitans morsitans"
|mol type="mRNA"
|sub_species="morsitans"
|db_xref="taxon:37546"
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Pred. No. 1.7e+02;
0; Mismatches 3
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14ETL--08-F05.gl Rice e
Oryza sativa (japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20;
                                                                                                                                                                                                                                                                                                                                                    Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Nahm B.H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
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                  Similarity
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                                                                                                                                                                                                                                                                                                               bhnahm@ggbio.com, bhna
Location/Qualifiers
                                                                                                                                                    /note="Vector: pCR4-TOPO; with oligoribonucleotides RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db xref="taxon:39947"
/clone="145TL--02-C19"
/tissue_type="laf"
/dev stage="14 days after germination"
/lab_host="8.coli DH108"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was cap
with oligoribonucleotides and then used as templates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone lib="Rice etiolated leaf plasmid cDNA library
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/cultivar="Nackdong"
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              0.3%;
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                                                                                                                                         lib="Rice etiolated leaf plasmid
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Rice etiolated leaf plasmid cDNA library (14ETL)
ponica cultivar-group) cDNA clone 14ETL--08-F05,
                                                                                                                                                                                                                                                                                                                                                                                         Korea
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 Score 18.2; DB 1
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Pred. No. 1.7e+02
0; Mismatches
                                                                                                                                                                                                                                                                                                                                  bhnahm@bio.myongji.ac
                                                                                                                                                                                                                                                                                  (japonica cultivar-group)"
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                                                                                       Site_1: EcoRI; mRNA was capped and then used as templates for
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Best Local :
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1 (bases 1 to 24)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                                                                                              Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                      CF320862 24 bp mRNA linear EHD--11-012.bl OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) cHD--11-012, mRNA sequence.
CF320862 CF320862.1 GI:33692623
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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1 (bases 1 to 24)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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/mol_type="mRNA"
/cultivar="Nackdong"
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e plasmid cDNA
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CN545249/c
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Best Local Similarity 87.0%;
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1 (bases 1 to 24)
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Handi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
                                                                                                                                                                                                                                                                France

Tel: 00-33-(0)5-57-12-25-50

Fax: 00-33-(0)5-57-12-25-48
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EST 17193 Green Grape Skin Triplex2 Library Vitis vinifera
Clone B3CS00GL004H11 3', mRNA sequence.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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UMR 619 - Equipe Biologie
Universite de Bordeaux I,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Vitis vinifera
Vitis vinifera
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CN545249.1 GI:46909874
                                                                                                                                                                                                                                                    Email: s.hamdi@bordeaux.inra.
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    Avenue Edouard Bourleaux,

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                    /organism="Vitis vinifera"
/mol type="mRNA"
/culTivar="cabernet Sauvignon"
/db xref="taxon:29760"
/clone="B3CSOOGLOO4H11"
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/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
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Pred. No. 1.7e+02;
0; Mismatches 3;
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Institut National de la Recherche
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Large-scale Sequencing Analysis of
                                                                                                                                                       /clone lib="OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"

(DNA library (HD)"

(note="Vector: pcR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for lhr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was
                                                                                                                                     reverse transcribed and then used for PCK. mkNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                  tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="B.coli DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (japonica
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CN545657/c
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CN545307/c
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RST 17601 Ripe Grape Skin T

clone B3CS00RL004E09 3', mR

CN545657

CN545657.1 GI:46910282

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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de
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Bukaryota; Viridiplantae; Streptophyta; Embryophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eu
rosids; Vitaceae; Vitis.
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CN545307

24 bp mRNA linear EST 30-APR-2004 EST 17251 Green Grape Skin Triplex2 Library Vitis vinifera cDNA clone B3CS00GL006E12 3', mRNA sequence.
CN545307
CN545307.1 GI:46909932
EST.
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Seg primer: T7.
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71, Avenue 1
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/note="Organ: Fruit skin; Vector: Lambda TriplEx2;
SfiIA; Site_2: SfiIB; Oriented library"
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/clone_lib="Green Grape Skin Triplex2 Library"
/note="forgan: Fruit skin; Vector: Lambda TriplEx2;
SfiIA; Site_2: SfiIB; Oriented library"
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/mol type="mRNA"

/cultivar="Cabernet Sauvignon"

/db_xref="taxon:29760"
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Pred. No. 1.7e+02;
0; Mismatches
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Pred. No. 1.7e+02;
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Triplex2 Library
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CN545784/c
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Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                  1 (bases 1 to 24)
Abbal, P., Agase, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agase, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                  Vitis vinifera
Vitis vinifera
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BST 17728 Ripe Grape Skin Triplex2 Library
clone B3CS00RL005H06 3', mRNA sequence.
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Vitis vinifera
    Tel: 00-33-(0)5-57-12-25-50 Fax: 00-33-(0)5-57-12-25-48 Email: s.hamdi@bordeaux.inra. Seq primer: T7.
                                                                                                                                      Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National
                                                                                                                                                                                                                                                                                                                                          Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
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71, Avenue I
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                                                                                                   71, Avenue Edouard
                                                                                                                       Agronomique
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/clone lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
SfiIA; Site_2: SfiIB; Oriented library"
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/mol type="mRNA"
/culfivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
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Pred. No. 1.7e+02;
0; Mismatches 3;
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                                   5393 ААЛАЛАТАСАЛАЛАДАЛАЛАЛ 5415
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CN546689 24 bp mRNA linear EST 30-J
EST 18460 Turning Grape Berry Lambda Triplex2 Library Vitis
vinifera cDNA clone B3CS37TB007F12 3', mRNA sequence.
CN546689 CN546689.1 GI:46911314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Vitis vinifera
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
                                                                                                                                                                                                                                                                                                                                                                               Email: s.hamdi@bordeaux.inra.fr
Seq primer: T7.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (2002)
                                                                                                Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Avenue Edouard Bourleaux, BP 81, 33883 Villenave D'Ornon Cedex,
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/clome_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                         /organism="Vitis vinifera"
/mol type="mANA"
/culTivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Vitis vinifera"
/mol_type="mRNA"
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                                                                                                                                                                          /dev stage="veraison stage"
/clone_lib="Turning Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
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/clone="B3CS00RL005H06"
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                                                                                                                                                                                                                                           clone="B3CS37TB007F12"
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                                                                                                Score 18.2; DB 1;
Pred. No. 1.7e+02;
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RESULT 220

RESULT 221 AZ363562

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                                                    5393 AAAAAAATACAAAAAAGAAAAAA 5415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 24)
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1M0052M17R Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0052M17 R, genomic survey sequence.
AZ328848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0052 row: M column: 17
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           High quality sequence stop: 24.
Location/Qualifiers
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                plasmid inserts
Unpublished (2000)
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Fax: 801 585 7177
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                                                                                                        Conservative
                                                                                                                                                                                                   /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. col1 XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:10090"
/clone="UUGC1M0052M17"
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                                                                                                                                 0.3%;
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Pred. No. 1.7e+02;
                                                                                                        Mismatches
                                                                                                                                                         Length 24;
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Best Local Similarity
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                                                                                                                                                                                5393 AAAAAATACAAAAAAGAAAAAA 5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0109 row: G column: 10
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AZ363562.1 GI:10477262
GSS.
Mus musculus (house mouse)
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1M0109G10F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0109G10 F, genomic survey secuence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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Fax: 801 585 7177
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Contact: Robert B. Weiss
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 24)
  AZ386491
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                                                                                                                                AAAAAAAAAAAAAAAAAAAA 23
                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                            Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the innert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_llb="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
/mol_type="genomic rus"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                         0.3%;
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                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                           Score 18.2;
Pred. No. 1.
  24
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  DNA
                                                                                                                                                                                                                                                                              Length 24;
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  linear
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  GSS 02-OCT-2000
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KEYWORDS
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                                                                                                                                      Query Match
Best Local Similarity
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                             5393 AAAAAAATACAAAAAAAGAAAAAA 5415
                                                                                                              20;
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High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0145 row: D column: 02
Plate: 0145 row: D column: 02
Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
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Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 24)
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АААААААААААААААААА 23
                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"/Clone_11b="Mouse 10kb plasmid UUGCIM library"/note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="œenomic מייי"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                      0.3%;
                                                                                                                                      Score 18.2; DB 1; Length 24; Pred. No. 1.7e+02;
                                                                                                              Mismatches
                                                                                                           Indels
                                                                                                           0
                                                                                                           Gape
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RESULT 223 AZ390642/c LOCUS

DEFINITION

AZ390642 24 bp DNA linear GSS 03-OCT-200 1M0152H07F Mouse 10kb plasmid UUGCIM library Mus musculus genomic

GSS 03-OCT-2000

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Best Local Similarity
                                                                                                          Matches 20;
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24
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High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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AZ390642
AZ390642.1 GI:10505685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
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Fax: 801 585 7177
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Mus musculus
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1 (bases 1 to 24)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
  AAAAAAAAAAAAAAAAAAA 2
                                                                                                             Conservative
                                                                                                                                                                                                                                      Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil4732114 |gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
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adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                          and selected for ampicillin resistance.
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/clone="UUGC1M0152H07"
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/strain="C57BL/6J"
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                                                                                                                                 0.3%; Score 18.2; DB 1;
87.0%; Pred. No. 1.7e+02;
                                                                                                          0; Mismatches
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                                                                                                                                                              Length 24;
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                                                                                                          0;
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RESULT 224 AZ438069

DEFINITION

AZ438069 24 bp DNA line 1M0228A10F Mouse 10kb plasmid UUGC1M library Mu clone UUGC1M0228A10 F, genomic survey sequence.

UUGCIM library Mus musculus genomic

linear

GSS 03-OCT-2000

RESULT 225 AZ458112/c

DEFINITION

AZ458112 24 bp DNA linear GSS 09-001-200 1M0261E24R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0261E24 R, genomic survey sequence.

DNA

linear

GSS 04-OCT-2000

ACCESSION

AZ458112

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SOURCE
ORGANISM
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Matches 20; Conserv
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                                               5394 ААЛАЛАТАСЛАЛАЛАДОЛАЛАЛАТ 5416
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Insert Length: 10000 Std Error:
Plate: 0228 row: A column: 10
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University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 24)
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AZ438069.1 GI:10562178
GSS.
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High quality sequence stop: 24.
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Unpublished (2000)
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Fax: 801 585 7177
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  AAAAAAAAAAAAAAAAAAAAAA 23
                                                                                                    Conservative
                                                                                                                                                                                              Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi | 4732114 | gb | AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                            0.3%;
                                                                                                    <u>,</u>
                                                                                                    Score 18.2; DB 1;
Pred. No. 1.7e+02;
0; Mismatches 3;
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                                                                                                                                                                                                                                        23 AAAAAAAAAAAAATAAAAAAAAA 1
AZ459280 24 bp DNA linear GSS 04 IM0264A05F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGCIM0264A05 F, genomic survey sequence.
AZ459280 AZ459280.1 GI:10617405
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Insert Length: 10000 Std Error: (
Plate: 0361 row: E column: 24
Seq primer: CACACAGGAAACAGCTATGACC
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Unpublished (2000)
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GSS.
Mus musculus (house mouse)
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Fax: 801 585 7177
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA
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adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
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inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
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/clone="UUGC1M0261E24"
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Pred. No. 1.7e+02;
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ACCESSION VERSION KEYWORDS

clone UUGC1M0454B23 F AZ621257 AZ621257.1 GI:117434 GSS. RESULT 227 AZ621257/c LOCUS

DEFINITION

AZ621257 24 bp DNA linear GSS 1: 1M0454E23F Mouse 10kb plasmid UUGC1M library Mus musculus

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F, genomic survey sequence.

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University of Utah Genome Center
University of Utah
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High quality sequence stop: 24.
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Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (bases 1 to 24)
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                                                                                                                                                                      10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid RI. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored muse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymeretide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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/strain="C57BL/6J"
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Pred. No. 1.7e+02;
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AZ644621

1 1M0508F12R Mouse 10kb plasmid Up clone UUGC1M0508F12 R, genomic: AZ644621

AZ644621 GI:11773331
GSS.
Mus musculus (house mouse)
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Insert Length: 10000 Std Error:
Insert 1454 row: E column: 23
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Fax: 801 585 7177
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Location/Qualifiers
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.05 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWm942 (gil4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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                                                                                                                             AZ786257 24 bp DNA linear GSS 15-FEB-200 2M0031H11R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0031H11 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0508 row: F column: 12
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 24)
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     Mus musculus (house mouse)
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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Mus musculus (house mouse)
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AZ834990.1 GI:13004898
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0031 row: H column: 11
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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/strain="C57BL/6J"
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                                                                                                                                                                    A2970038 24 bp DNA linear GSS 27-APR-200
2M0243J002F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0243J002 F, genomic survey sequence.
A2970038
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1 (bases 1 to 24)
2 (bunn, D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                    Mus musculus
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High quality sequence stop: 24.
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Insert Length: 10000 Std Erro
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Pax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were playated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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/strain="C57BL/6J"
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Insert Length: 10000 Std Error: 0.00
Plate: 0243 row: J column: 02
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E.,
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Fax: 801 585 7177
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 24)
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AZ984490.1 GI:13855717
                                                                                                                                                                                          2M0266H05F Mouse 10kb plasmid UUGC2M library Mus musculus clone UUGC2M0266H05 F, genomic survey sequence.
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/clone_lib="Mouse lokb plasmid UUGC2M library"
/note="Yector: pMp42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
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/mol_type="genomic DNA"
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/strain="C57BL/6J"
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Fax: 801 585 7177
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Contact: Robert B.
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
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inducible derivative of plasmid R1. The vector was ligated
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adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for amplicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Biomedical Polymers Research Bldg., 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         db_xref="taxon:10090"
clone="UUGC2M0266H05"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           mol_type="genomic DNA"
strain="C57BL/6J"
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                                                                                                                                 0.3%;
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                                                                                                             0; Mismatches
                                                                                                                                    Score 18.2; DB 1;
Pred. No. 1.7e+02;
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AZ993423 24 bp DNA linear GSS 4/-AKK-4VI 2M0278019F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0278019 F, genomic survey sequence.

DNA

GSS 27-APR-2001

Mammalia; Eutheria; Rodentia; 1 (bases 1 to 24)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus

Mus musculus

Mus musculus (house mouse)

AZ993423.1 AZ993423

GI:13864650

Dunn, D.,

Aoyagi, A.,

Barber, M.,

Beacorn, T.,

Duval, B., Hamil, C.,

Murinae; Mus.

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REPERENCE
AUTHORS
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VERSION
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Best Local Similarity
Matches 20; Conserv
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1 (bases 1 to 24)
Hall.N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R.,
Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L.,
                                                                                                                                                          GSS.
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Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                       Trypanosoma brucei
Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
                                                                                                                                                                         T. brucei sheared genomic genomic survey sequence.
AL478922
AL478922.1 GI:11840452
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0278 row: O column: 19
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welse, R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                              TA169D12P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Laboratory Mouse DNA Resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNagared from a derivative of pNagared from a derivative of pNagared RNA was prepared from a derivative of pNagared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
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/clone="UUGC2M0278O19"
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/strain="C57BL/6J"
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Pred. No. 1.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                  nh1@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Direct Submission
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             /mol_type="genomic
/strain="TREU927"
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5393 АЛАЛАЛАТАСАЛАЛАДАЛАДАЛА 5415
                                                                                                                                                                                                             to give a tight size distribution (
4 kb). The v + 1 method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                          Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
                                                                                                                   Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
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Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
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/mol_type="genomic DNA"
/strain="TREU927"
                                                                                                 Location/Qualifiers
/organism="Trypanosoma brucei'
/mol type="genomic DNA"
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/clone="169d12"
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Pred. No. 1.7e+02;
0; Mismatches 3;
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RESULT 237
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          nhl@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
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Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and
                                                            genomic survey sequence.
AL495622
AL495622.1 GI:11871906
GSS.
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AL494439
AL494439.1 GI:11870896
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                      Trypanosoma brucei
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T. brucei sheared genomic
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Details of T. brucei sequencing at the Sanger Centre
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
                                          Trypanosoma brucei
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/mol type="genomic DNA"
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/db_xref="taxon:5691"
/clone="354c06"
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/clone="27b08"
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Pred. No. 1.7e+02;
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Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and
nhl@sanger.ac.uk
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Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S.E., Rajandream, M.A. and Barrell, B.G.
Direct Submission
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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                                                                Email: nelsayed@tigr.org
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/db_xref="taxon:5691"
/clone="371f11"
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                                                                                    sequence.
CF291048
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales; Poaceae;
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Dictyostelium discoideum
Eukaryota; Mycetozoa; Dictyosteliida; Dictyostelium.
1 (bases 1 to 25)
                                                         CF291048.1 GI:33660081
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Contact: Hideko Urushihara
Institute of Biological Sciences
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                                                                                                                                                                                                                                                                                                                                /sex="mat A"
/dev_stage="vegetative"
/clone_lib="VS"
                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Dictyostelium discoideum"
/mol_type="mRNA"
/strain="AX4"
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|mol type="genomic DNA"
|strain="TREU927"
|db xref="taxon:5691"
|clone="95b08"
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Pred. No. 1.8e+02;
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B 1 (bases 1 to 25)

S Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y. Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Div of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea

Tel: 82 31 321 6355

Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.

Location/Qualifiers
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantas; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H.,

Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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14ROOT--02-C14.gl Rice root plasmid cDNA library (14ROOT) Oryza
sativa (japonica cultivar-group) cDNA clone 14ROOT--02-C14, mRNA
                                                                                                                                                                                                                                            Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
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Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, NyongJi University
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Pred. No. 1.8e+02
0; Mismatches
                                                                                                                                                                                           (japonica cultivar-group)"
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RESULT 243
CF300333/c
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                  7LEAF--04-L02.b1 sativa (japonica
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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7LEAF--03-E01.gl Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--03-E01, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Pax: 82 31 321 6355
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with oligoribonucleotides and then used as templates for
RT-PCR."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                  25 bp mRNA linear EST 15-AUG-2003 Rice leaf plasmid cDNA library II (7LBAF) Oryza cultivar-group) cDNA clone 7LEAF--04-L02, mRNA
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Pred. No. 1.8e
0; Mismatches
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Pred. No. 1.8e+02;
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Query Match 0.3%;
Best Local Similarity 87.0%;
Matches 20; Conservative
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Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Oryza.

1 (bases 1 to 25)
I (bases 1 to 25)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Organical Sequencing Analysis of Rice ESTs
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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sativa (japonica
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Fax: 82 31 321 6355
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
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(mol_type="mRNA"

/cultivar="Nackdong"
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Pred. No. 1.8e+02
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                                                                                                                                                                                                                                                                                                       bhnahm@bio.myongji.ac
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                                                                                                                                                           cultivar-group) "
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CF316323/c
LOCUS
RESULT 246
CF317714/c
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Best Local S
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             source
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ION CF316323

N CF316323.1 GI:33688084

DS ST.

Oryza sativa (japonica cultivar-group)

VISM Oryza sativa (japonica cultivar-group)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzae; Oryza.

(CE 1 (bases 1 to 25)

RS Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,J.K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs
                                                                                                                      5393 AAAAAATACAAAAAAGAAAAAA 5415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Genomics and Genetics Institute, G
of Bioscience and Bioinformatics,
Yongin, Kycena
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                                                                                                                Similarity
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nilarity 87.0%;
Conservative (
                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
                                                                                                                                                                                                                                                           /tissue_type="callus"
/dev stages"proliferaced callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone_lib="0sHDAC1-overexpressing transgenic rice plasmid
cDNA library (HD)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was
treated with ABA(20um) for 1hr. Oligo-capped mRNA was
reverse transcribed and then used for PCR. mRNA was
derived from rice Histone Deacetylase overexpression
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/dev stage="7 days after germination"
/dev stage="7 days after germination"
/lab_host="E.coli DH10B"
/clone_llb="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Oryza sativa (japonica
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:39947"
/clone="HD--05-J05"
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                                                                                                                                                                              0.3%;
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Pred. No. 1.8e+02;
0; Mismatches 3
                                                                                                                                                                                Score 18.2; DB 1;
Pred. No. 1.8e+02;
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, MyongJi University
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DEFINITION
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CF319073/c
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VERSION
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                                                                 Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Enrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 25)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                          CF319073 25 bp mRNA linear EST 15-AUG-
HD--09-H05.gl OsHDAC1-overexpressing transgenic rice plasmid cI
library (HD) Oryza sativa (japonica cultivar-group) cDNA clone
HD--09-H05, mRNA sequence.
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Lillopsida; Poales; Poaceae;
Ehrhartoldeae; Oryzeae; Oryza.
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H.,

Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HD--07-103.gl OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) cHD--07-103, mRNA sequence.
CF317714
CF317714
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="B.coli DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                tissue_type="callus"
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Pred. No. 1.8e
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ORGANISM
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CF330786/c
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Best Local Similarity
Matches 20; Conserv
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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Tel: 82
Fax: 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CF330786 25 bp mRNA linear EST 18-AUG-2003
NACL--06-K11.b1 Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--06-K11, mRNA
                                                                                                                                                                                                                                                                                                             Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                        Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                          Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B. Large-scale Sequencing Analysis of Rice EST Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CF330786.1 GI:33809794
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Location/Qualifiers
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2 31 321 6355
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/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="HD--09-H05"
/clone lib="Rice callus plasmid cDNA library (NACL)" /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /dev_stage="proliferated callus on 2N6 media for 2 weeks" /lab_host="E.coli DH10B" /clone lib="OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
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                                                               /tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30
/lab_host="E_coli DH10B"
                                                                                                                                   /db_xref="taxon:39947"
/clone="NACL--06-K11"
                                                                                                                                                                              organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 1.8e+02;
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Query Match

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CN546041/c
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CN545505/c
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Best Local Similarity
Matches 20; Conserv
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EST.
Vitis vinifera
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Vitis vinifera
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
' (hases 1 to 25)
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EST 17993 Ripe Grape
clone B3CS00RL007G10
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Unpublished (2002)
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EST 17449 Green Grape Skin Triplex2 Library Vitis vinifera CDNA
Clone B3CS00GL005H06 3', mRNA sequence.
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Vitis vinifera
                                                                                                                                                              CN546041
CN546041.1
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Fax: 00-33-(0)5-57-12-25-48
Email: s.hamdi@bordeaux.inra
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UMR 619 - Equipe Biologie
Universite de Bordeaux I,
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Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots;
rosids, Vitaceae, Vitis.
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CN545505.1 GI:46910130
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71, Avenue
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/clone_lib="green Grape Skin Triplex2 Library"
/note="Organ: Fruit skin, Vector: Lambda Tripli
SfiIA; Site_2: SfiIB, Oriented library"
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/mol_type="mRNA"
/cultivar="Cabernet Sauvignon"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /db_xref="taxon:29760"
/clone="B3CS00GL005H06"
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Pred. No. 1.8e+02;
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Abbal.P., Agasse,A., Ageorges,A., Atanassova,R., Barrieu,F.,
Couture,C., Dedaldechamp,F., Delrot,S., Glissant,D., Grimplet,J.,
Hamdi,S., Romieu,C. and Terrier,N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
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25 bp mRNA linear EST 30-APR-2004
EST 1850 Green Grape Berry Lambda Triplex2 Library Vitis vinifera
cDNA 18350 Green Grape Berry Lambda Triplex2 Library Vitis vinifera
cDNA 1850 GREEN BICSIXGB016E10 3', mRNA sequence.
CN546397
CN546397.1 GI:46911022
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages Unpublished (2002)
Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Vitis vinifera
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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Universite de Bordeaux I, Institut National de la Recherche
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Vitis vinifera
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Fax: 00-33-(0)5-57-12-25-48
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Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                     Email: s.hamdi@bordeaux.inra.
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71, Avenue 1
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/note="Organ: Fruit skin; Vector: Lambda TriplEx2;
SfilA; Site_2: SfilB; Oriented library"
/organism="Vitis vinifera"
|mol type="mRNA"
|cultivar="Cabernet Sauvignon"
|db_xref="taxon:29760"
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/mol_type="mRNA"
/cultivar="Cabernet Sauvignon"
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Pred. No. 1.8e+02;
0; Mismatches 3;
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ACCESSION VERSION

DEFINITION

CN546728 25 bp mRNA linear E. CN546728 18499 Turning Grape Berry Lambda Triplex2 Library vinifera cDNA clone B3CS38TB008B03 3', mRNA sequence. CN546728 CN546728.1 GI:46911353

25 bp mkwa Witis erry Lambda Triplex2 Library Vitis

EST 30-APR-2004

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RESULT 253
CN546728/c
LOCUS
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AUTHORS
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CN546477/c
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
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UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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25 bp mRNA linear EST 30-APR-2004
EST 18621 Ripe Grape Berry Lambda Triplex2 Library Vitis vinifera
CENA Clone B3CS57RB007D09 3', mRNA sequence.
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                                                                                                                                                                                similarity 87.0%;
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/clone_lib="Green Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
/riplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                    /dev stage="ripe stage"
/clome_llb="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds, Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                          /cultivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
/clone="B3CS57RB007D09"
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/mol_type="mRNA"
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Pred. No. 1.8e
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1 (bases 1 to 25)

Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F., Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N.

Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
                                                        Washington University School of Medicine 4444 Forest Park Parkway, Box 8501, St. 1 Tel: 314 286 1810 Fax: 314 286 1810 Email: est@watson.wustl.edu
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yy06g01.sl Soares melanocyte 2NbHM Homo sapiens CDNA clor
IMAGE:270480 3' similar to gb:D29805 N-ACETYLLACTOSAMINE
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Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National
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Vitis vinifera
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1 (bases 1 to 25)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Franceki, Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Franceki, Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Franceki, Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Franceki, Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Franceki, Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Rohlfing, T., Roh
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Contact: Wilson RK
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                                                                                                                                                                                                                                                                                                        The WashU-Merck EST Project
                                                                                                                                                                                                                                                                                                                                                                    Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
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quality sequence starts: 1 quality sequence stops: 1
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/mol type="maNA"
/culTivar="Cabernet Sauvignon"
/db xref="taxon:29760"
/clone="B3CS38TB008B03"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Source: IMAGE Consortium, LLML;
This clone is available royally-free through LLML;
IMAGE Consortium (info@image.llnl.gov) for further i
Trace considered overall poor quality
Seq primer: ml3 -40 forward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                   Similarity
                                                                                                                    AAAAAAAAAAAAAAAAAAAAAA 3
                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                          double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from normal foreskin melanocytes (FS374) was kindly provided by Dr. Anthony P. Albino."
                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol type="mRNA"
/db_xref="GDB:3880122"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      db_xref="taxon:9606"
clone="IMAGE:270480"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sex="Male"
                                                                                                                                                                                                                 0.3%;
                                                                                                                                                                                              Score 18.2; DB 1; Length 25; Pred. No. 1.8e+02; O; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              nrough LLNL; contact the for further information.
                     GSS 29-SEP-2000
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                                                                                                                                                                                                     Gaps
genomic
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ORGANISM **source** Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welse, R., Tungey, A., which is and Wright, D., Welse, R., Constant of the Mouse whole genome scaffolding with paired end reads from 10kb AZ344725 25 bp DNA linear GSS 29 1M0078124R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0078124 R, genomic survey sequence. Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 25) Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., plasmid inserts Unpublished (2000) Mus musculus Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: 0.00 Plate: 0078 row: I column: 24 Seq primer: CACACAGGAAACAGCTATGACC AZ344725.1 GI:10423962 AZ344725 Tel: 801 585 5606 Fax: 801 585 7177 Mus musculus (house mouse) ass: plasmid ends gh quality sequence stop: 25. USA Location/Qualifiers 20 ŝ 2030 SLC, S

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Query Match
Best Local Similarity
Matches 20; Conserv
                                                                                                                    source
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AZ350777.1 GI:10430014
GSS.
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Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
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1M0088A04R Mouse 10kb plasmid UUGCLM library Mus musculus genomic
clone UUGC1M0088A04 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 088 row: A column: 04
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
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Unpublished (2000)
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                        quality sequence stop: 25.
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/organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                      Location/Qualifiers
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/Clome_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
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Pred. No. 1.8e+02;
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VERSION KEYWORDS

ORGANISM

ACCESSION DEFINITION AZ350777/c RESULT 256

REFERENCE

AUTHORS

COMMENT

JOURNAL TITLE

COMMENT

TITLE

FEATURES

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REFERENCE
AUTHORS
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SOURCE
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VERSION
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AZ389458
                                                                                                        PEATURES
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Best Local S
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Nouse whole genome scaffolding with paired end reads from 10kb
                                                                                            Class: plasmid ends
High quality sequence stop: 25.
Location/Qualifiers
                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Errc
Plate: 0150 row: B column: 06
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 25)
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                                                                                                                                                                                    Plate: 0150 row: B column: 06
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center University of Utah
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                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                             Biomedical Polymers Research Bldg.,
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /sex="Male"
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/clone="UUGC1M0088A04"
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Pred. No. 1.8e+02;
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DEFINITION
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AZ609234.1 GI:11731424
GSS.
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1M0433H19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0433H19 R, genomic survey sequence.
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Insert Length: 10000 Std Error: 0.00
Plate: 0433 row: H column: 19
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Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah Genome Center
University of Utah Genome Research Bldg., 20 S. 2030 B., SLC,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                    Plate: 0433 row: H column: 19
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (2000)
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                                                                                                                                                                      Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (bases 1 to 25)
                                                                                                                                              quality sequence stop: 25.
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                               Location/Qualifiers
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VERSION KEYWORDS

ACCESSION

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SOURCE

REFERENCE

AUTHORS

COMMENT

TITLE

FEATURES

db xref="taxon:10090"

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KEYWORDS
SOURCE
ORGANISM
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VERSION
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AZ623157/c
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1 (bases 1 to 25)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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1M0460L02R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0460L02 R, genomic survey sequence.
AZ623157
                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0460 row: L column: 02
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                        University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                        High quality sequence stop: 25.
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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="Mouse 10kb plasmid UUGC1M library"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
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Pred. No. 1.8e+02;
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RESULT 260
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Best Local Similarity
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Insert Length: 10000 Std Erro
Plate: 0035 row: L column: 19
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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Mus musculus
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25 bp DNA linear GSS 16-FEB-2001
2M0035L19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0035L19 R, genomic survey sequence.
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AZ788646.1 GI:12928656
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igh quality sequence stop: 25.
Location/Qualifiers
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                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
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/db_xref="taxon:10090"
/clone="UUGC2M0035L19"
                                                                                                           organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                            Std Error: 0.00
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VERSION

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lab_host="E. Coli strain XL10-Gold, T1-resistant,

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JOURNAL COMMENT
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
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                                                                                                                                                                     High quality sequence stop: 25.
Location/Qualifiers
                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0113 row: M column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                                                                                                                                                                                                            Biomedical Polymers Research Bldg.,
                                                                    organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/note="Vector: PWD42nv, Purified genomic DNA f
                                                    db xref="taxon:10090"
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'sex="Male"
                       clone="UUGC2M0113M21"
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Pred. No. 1.8e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                    Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0212 row: O column: 08
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 25)
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AZ949287.1 GI:13820514
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2M0212O08R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2000)
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igh quality sequence stop: 25.
Location/Qualifiers
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/note="Vector: PMD42nv, Purified_genomic_DNA_from M.
muscultus_CS7BL/6J_(male) was obtained_from the Jackson
Laboratory_Mouse_DNA_Resource
                                                                                                                                                    /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                           1. .25
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
                                                              'sex="Female"
                                                                                               clone="UUGC2M0212008"
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> > was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA

REFERENCE AUTHORS SOURCE ORGANISM ACCESSION VERSION RESULT 263 AZ980407/c COMMENT FEATURES DEFINITION KEYWORDS Matches JOURNAL TITLE Query Match Best Local Similarity source 5393 AAAAAATACAAAAAAGAAAAAA 5415 20; Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; MuB.

1 (Dases 1 to 25)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. AZ980407
25 pp LING
2M0257M19F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0257M19 F, genomic survey sequence. 1 ААААААААААААААААААААА Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0257 row: M column: 19 Seg primer: CGTTGTAAAACGACGGCCAGT High quality sequence stop: 25.
Location/Qualifiers University of Utah Genome Center University of Utah plasmid inserts Unpublished (2000) Mouse whole genome scaffolding with paired end reads from 10kb Mus musculus AZ980407.1 GI:13851634 Tel: 801 585 5606 Fax: 801 585 7177 Contact: Robert B. Weiss Mus musculus (house mouse) 84112, ass: plasmid ends 308, Conservative USA Biomedical Polymers Research Bldg., /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb_plasmid_UUGC2M_library"/note="Vector: PWD42nv; Purified_genomic_DNA_from_M. /mol_type="genomic DNA" /strain="C57BL/6J" clone="UUGC2M0257M19" /sex="Female" db_xref="taxon:10090" organism="Mus musculus 0.3%; 0; Mismatches Score 18.2; DB 1; Length 25; Pred. No. 1.8e+02; **u** 20 S. 2030 E., SLC, GSS 27-APR-2001 °. Сарв 딬 0

linear

GSS 13-DEC-2000

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SOURCE
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TA154D03P/c
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Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                       to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 ISA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                              Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nhl@Banger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G. Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AL472971.1 GI:11838244
GSS.
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AL472971
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                                                                                                                                                                                                                                                                                                                                                             Barrell, Oxford University Press, 1999).
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                                                                                                                     /mol_type="genomic DNA"
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/db_xref="taxon:5691"
/clone="154d03"
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                                            0.3%;
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TA324B10P/c
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                                                                                                                                                                                                                                                              AJ659204 KNI
AJ659204 KNI
AJ659204
AJ659204.1
EST:
                                            Anderson, S.I., Finlayson, H.A. and Archibald, A.L. bevelopment of cDNA and EST resources for studying embryo development in pigs and cattle Unpublished (2004)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTAt 10.1) was mechanically sheared to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
Contact: Anderson SI
Genomics and Bioinformatics
                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae;
1 (bases 1 to 26)
                                                                                                                                                                                                                   Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: nelsayed@tigr.org
Details of T. brucel sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucel/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CEB10 15A, E-mail: barrell@sanger.ac.uk and nhl@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Trypanosoma brucei
Bukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
                                                                                                                                                                                                                                       Sus scrofa (pig)
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KN277 Sus scrofa cDNA clone
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/strain="TREU927"
/db_xref="taxon:5691"
/clone="324e10"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Trypanosoma brucei"
/mol_type="genomic nwa"
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Pred. No. 1.8e+02;
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Euteleostomi; Sus.

EST 28-JUN-2004

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CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LINL)
DNA Sequencing by: NIH Intramural Sequencing Center (NISC)
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
Plate: LLCM0028 row: C column: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sequence.
AW327613
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Single pass sequencing. Bases called and trimmed with phred
v0.020425c. Vector identified by cross match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(SK+) R. Site1: EcoRI
R. Site2: NotI 5' Seq Primer M13F Normalised library constructed
from pooled early embryos, from 8- cell stage to blastocysts.
Clones available from UK Centre for Functional Genomics in Farm
Animals, Roslin Institite, Roslin, Midlothian, UK, EH25 9PS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 26)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: cgapbs-r@mail.nih.gov
Tissue Procurement: ATCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              dq01b09.y1 NIH_MGC_2 Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
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                                                                                                                                                                                                                                                                                                                                   primer: M13RP1 reverse primer
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/tissue_type="embryo"
/clone_lib="KN277"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="mRNA"
/db_xref="taxon:9823"
                                                                    /clone lib="NIH MGC 2"
/note="Organ: Blood; Vector: pOTB7a; Library prepared
Edge BioSystems."
                                                                                                                                                                 /clone="IMAGE:2846536"
/tissue_type="T cell leukemia"
                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                             Location/Qualifiers
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Score 18.2; DB 1;
Pred. No. 1.9e+02;
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Lehane,M.J., Aksoy,S., Gibson,W., Kerhornou,A., Berriman,M., Hamilton,J., Soares,M.B., Bonaldo,M.F., Lehane,S. and Hall,N. Adult midgut expressed sequence tags from the tsetse fly Glossina morsitans morsitans and expression analysis of putative immune
                                                                  Glossina morsitans morsitans
Glossina morsitans morsitans
Glossina morsitans morsitans
Bukaryota, Metazoa, Arthropoda, Hexapoda, Insecta,
Neoptera, Endopterygota, Diptera, Brachycera, Musco
Hippoboscoidea, Glossinidae, Glossina.

1 (bases 1 to 26)
                                                                                                                                                                                                                                         98 BX563414 26 bp mRV BX563414 Glossina morsitans morsitans morsitans cDNA clone Tse66ee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2002)
Contact: David L. Adelson
Animal Breeding and Genetics
Texas A&M University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.

1 (bases 1 to 26)
Adelson, D.L. and Gill, C.A.
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LQG602768282.R1 CSEQFXL36 fetal brain Sus scrofa cDNA, mRNA
                                                                                                                                                                                                       BX563414.1 GI:33430654
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /clone lib="CSEOFXL36 fetal brain"
/note="Organ: brain; Vector: pBluescript SK+; Site_1:
Not1; Site 2: EcoR1; sequence 5' of the insert
(5'.NNN......NNNinsert)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (5'-NNN. ...NNNinsert)
GCGAATTGGAGCTCCACCGCGGTGGCGGCGCGCGCTCGAG. Sequence 3' of the inserts (AAGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               non-normalized library, sequenced 3' with M13R primer."
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/mol_type="mRNA"

/db_xref="taxon:9823"
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rsitans adult infected gut Glossina
Tse66e05_plc, mRNA sequence.
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RESULT 270
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Pathogen Sequencing Unit
The Sanger Institute The Wellcome Trust Genome Campus
The Sanger Institute The Wellcome Trust Genome Campus
Hinxton, Cambridge, CBLO 1SA, UK
Request for clones, please contact: Mike Lehane
Prof. M.J.Lehane
School of Biological Sciences,
University of Wales,
Bangor LL57 2UW
All clones with suffix qlc are reverse primer reads start
end of the cDNA all plc reads are from
the 3' end.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5393
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermarophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 26)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                         Genomics and Genetics Institute, (
of Bioscience and Bioinformatics,
Yongin, Kyeongi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  mRNA sequence.
CF278359
CF278359.1 GI:33655745
EST.
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14ETL--04-D22.gl Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--04-D22,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CF278359
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                                                                                                                                                                     bhnahm@ggbio.com, bhna
Location/Qualifiers
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/sub_species="morsitans"

/db_xret="taxon:37546"

/clone="Tae66605_plc"

/tissue_type="adult infected gut"

/clone_Tib="Glossina morsitans mors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   T.brucei"
/clone="14ETL--04-D22"
/tissue_type="leaf"
/dev_stage="14 days after
/lab_host="E.coli DH10B"
                                                                        /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Glossina morsitans morsitans"
/mol_type="mRNA"
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Pred. No. 1.9e
0; Mismatches
                                                                                                                                                                                       bhnahm@bio.myongji.ac.kr
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30DGS--07-G13.b1
sativa (japonica
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Oryza sativa (japonica cultivar-group)
Bukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnoliophyta, Lillopsida, Poales, Poaceae;
Ehrhartoideae, Oryzeae; Oryza.
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Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 82 31 330 6193

Pax: 82 31 321 6355

Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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/mol type="mRNA"
/cultivar="Nackdong"
/db_xref="Nackdong"
/db_xref="taxon:39947"
/clone="14FTL--09-P01"
/tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (14ETL)"
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26 bp mRNA linear EST 14-AUG-2003 Rice leaf plasmid cDNA library I (30DGS) Oryza cultivar-group) cDNA clone 30DGS--07-G13, mRNA
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Pred. No. 1.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                              Score 18.2; DB 1
Pred. No. 1.9e+02
                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                      Contact: Nahm B.H.

Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice BSTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L.

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
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Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
                                                                                                              Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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EST.
                                                                    Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
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/clone="30DGS--07-G13"
/clone="30DGS--07-G13"
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/clone_lib="Rice leaf plasmid cDNA library I (30DGS)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
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/mol_type="mRNA"
                         organism="Oryza sativa (japonica cultivar-group)"
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Pred. No. 1.9e+02;
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RESULT 275
CF302874/c
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Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 26)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L.
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
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                                                                                                                                                                                                                                                   /tissue_type="leaf"
/dev_stage="7 days after germination"
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/lab_host="E.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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/tissue_type="leaf"
/dev_stage="30 days after germination"
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/clone_lib="Rice leaf plasmid cDNA library I (30DGS)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
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|mol_type="mRNA"
|cultivar="Nackdong"
|/db_xrefs="taxon:39947"
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Pred. No. 1.9e+02
0; Mismatches
                                                                                                                                                                     0;
                                                                                                                                                                     Score 18.2; DI
Pred. No. 1.9e
0; Mismatches
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                                                                                                                                                                                         1.9e+02;
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                    CF311369 26 bp mRNA linear EST 15-AUG-2003 ABF-06-701.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone ABF-06-J01, mRNA sequence.
CF311369 CF311369.1 GI:33683130 EST.
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopaida; Poalea; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
1 (bases 1 to 26)
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CF302874
                                                        Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongdi University Yongin, Kyeonggi, Korea
                                                                                                                                                                Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,B.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Lazge-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice BSTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       7LEAF--08-M19.g1 Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--08-M19, mRNA
                      Tel: 82 31 330 6193
Pax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CF302874.1 GI:33674635
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                                                                                                                                                                                                                                                          (bases 1 to 26)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza sativa (
/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="7LEAF--08-M19"
/tissue_type="leaf"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /dev_stage="7 days after germination"
/lab_host="E.coli DH108"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 18.2; DB 1;
Pred. No. 1.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (japonica cultivar-group) "
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                                                                                                                                                                                                                                   Lee, T.H.,
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5393 AAAAAAATACAAAAAAGAAAAAA 5415

Matches

Query Match Best Local Similarity

0.3%;

Score 18.2; DB 1; Pred. No. 1.9e+02; 0; Mismatches 3

<u>بر</u>

Length 26; Indels

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Gaps

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TITLE
JOURNAL
COMMENT
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ORGANISM
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AUTHORS
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KEYWORDS
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CF331439/c
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
1 (bases 1 to 26)
                                                                                                                                                                                                                                                                                                                                       Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L. Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CF331439 26 bp mRNA linear EST 18-AUG-2003
NACL--07-J02.bl Rice callus plasmid cDNA library (NACL) Oryza
                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sativa (japonica cultivar-group) cDNA clone NACL--07-J02, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             n 0.3%;
Similarity 87.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                          bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_nost="R.coli DH10B"
/clone lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /dev_stage="14 days after germination"
/lab_host="8.coli DH10B"
/clone_lib="ABF3-overexpressing transgenic rice
cDNA_library_(ABF)"
                                                                                                                                                                                             Location/Qualifiers
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/cultivar="Nackdong"
                                                                                                                                                     'db_xref="taxon:39947"
'clone="NACL--07-J02"
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'clone="ABF--06-J01"
                                                                                                                                                                                                                                                                                                                                                                                    Korea
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Pred. No. 1.9e+02;
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JOURNAL COMMENT
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CF337311/c
LOCUS
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VERSION
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CN545213/c
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ORGANISM
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Best Local Similarity
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                                                                 AUTHORS
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                                                              Vitis vinifera

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

rosids; Vitaceae; Vitis.

1 (bases 1 to 26)

1 (bases 1 to 26)
                                                                                                                                                                                                                                                                                                                CN545213 ; CN545213 ; EST 17157 Green Grape Skin clone B3CS00GL004E11 3', mr CN545213 ; GN545213 ; 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., I Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F., Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Genomics and Genetics Institute,
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                                                                                                                                                                                                                                                        Vitis vinifera
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone lib="AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT)"

cDNA library (JMT)"

/note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl methyltransferase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 tissue_type="leaf"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /db_xref="taxon:39947"
/clone="JMT--07-L06"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 18.2; DB 1
Pred. No. 1.9e+02
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                     mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                        26 bp mRNA linear EST 30-
1 Triplex2 Library Vitis vinifera
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 1;
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26 AAAAAAAAAAAAAAAAAAAAAAA 4
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; Vitaceae; Vitis.
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EST 17169 Green Grape Skin Triplex2 Libi
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
Email: s.hamdi@bordeaux.inra.
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CN545225
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Fax: 00-33-(0)5-57-12-25-48
Email: s.hamdi@bordeaux.inra
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Universite de Bordeaux I, Institut National de la Recherche
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/clone lib-rary"
/clone lib-rary Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2;
sfiIA; Site_2: SfiIB; Oriented library"
/clone="B3CS00GL004F11"
/dev_stage="green stage"
/clone_lib="Green Grape Skin Triplex2 Library"
                                                                       /organism="Vitis vinifera"
/mol_type="mRNA"
/mol_type="mRNA"
/culfivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
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'cultivar="Cabernet Sauvignon"
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Pred. No. 1.9e+02;
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EST 17667 Ripe Grape Skir
clone BCS00RL005C03 3',
CN545723
CN545723.1 GI:46910348
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clone B3CS00RL003D01 3',
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F., Couture, C., Dedaidechamp, F., Delrot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
Unpublished (2002)
Contact: Hamdi S.
UnRR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: s.hamdi@bordeaux.inra.fr
Seq primer: T7.
Vitis vinifera
Vitis vinifera
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledona; core eudicota; rosida; Vitaceae; Vitis.
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71, Avenue
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                                                                                                                                                                                                                                                                                                                                                /dev_stage="ripening stage"
/clone_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda Triplex2;
Sfila; Site_2: SfilB; Oriented library"
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                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Vitis vinifera"

/mol type="mRNA"

/cultivar="cabernet Sauvignon"

/db_xref="taxon:29760"
                                                                                                                                                                                                                                                                                                                                                                                                                           /clone="B3CS00RL003D01"
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Skin Triplex2 Library
3', mRNA Becman
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Pred. No. 1.9e+02;
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Pred. No. 1.9e+02;
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                                                                                                      linear EST 30-APR
Vitie vinifera cDNA
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Hamdi, S., Romieu, C. and Terrier, N.

Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
                                                                                                                                                    Unpublished (2002)
Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CN545888 26 bp - mRNA linear EST 17832 Ripe Grape Skin Triplex2 Library Vitis v clone B3CS00RL006A07 3', mRNA sequence.
                                                                   Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
                                                                                                                                                                                                                                                                                                                                   Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
                                                                                                                                                                                                                                                                                                                                                                                      Vitis vinifera
Vitis vinifera
                                                                                                                                                                                                                                                                                                                                                                                                                                           CN545888.1 GI:46910513
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CN545888
                                                    Email: s.hamdi@bordeaux.inra.fr
                                                                                                                                       Agronomique
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                                                                                                                                                                                                                                                                                                             (bases 1 to 26)
                                                                                                                      Avenue Edouard Bourleaux,
                                primer: T7
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                  Location/Qualifiers
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ВP

81,

33883 Villenave D'Ornon Cedex,

de

la Recherche

vinifera

CDNA

EST 30-APR-2004

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5393 AAAAAAATACAAAAAAGAAAAAA 5415
25 AAAAAAAAAAAAAAAAAAAAA 3
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 00-33-(0)5-57-12-25-50 Fax: 00-33-(0)5-57-12-25-48 Email: s.hamdi@bordeaux.inra
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                                                                                                                                                                                                            /dev_stage="ripening stage"
/clone lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
SfiIA; Site_2: SfiIB; Oriented library"
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/mol type="mANA"
/culfivar="Cabernet Sauvignon"
/db xref="taxon:29760"
/clone="B3CSOORLOOSCO3"
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                                                                                                                              0.3%;
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                                                                                                                                Score 18.2; DB 1;
Pred. No. 1.9e+02;
                                                                                                          Mismatches
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                                                                                                                                                               DB 1;
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RESULT 285
CN546649/c
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AUTHORS
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Matches
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EST 18752 Ripe Grape Berry Lambda Triplex2 Library Vitis vinifera
CDNA Clone B3CS58RB008H03 3', mRNA sequence.
CN546608
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
Unpublished (2002)
Contact: Handi S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
  CN546649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Seq primer:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: s.hamdi@bordeaux.inra.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tel: 00-33-(0)5-57-12-25-50 Fax: 00-33-(0)5-57-12-25-48
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Universite de Bordeaux I, Institut National de la Recherche
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                                                                                                                                                                          Conservative
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/db_xref="taxon:29760"
/db_xref="taxon:29760"
/clone="Si5500fL006A07"
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/clone= lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2;
SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                 /dev stage="ripe stage"
/clome_lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                           /organism="Vitis vinifera"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                    /cultivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
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/mol_type="mRNA"
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Pred. No. 1.9e+02;
0; Mismatches 3;
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Pred. No. 1.9e+02;
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  mRNA
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linear
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  EST 30-APR-2004
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AZ342914/c
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SOURCE
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KEYWORDS
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Best Local
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                                                                                      JOURNAL
                                                                                                                                TITLE
                                                                                                                                                                                                                   AUTHORS
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
Unpublished (2002)
Contact: Hamdi S.
Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Federsen,T., Islam,H., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                       AZ342914 26 bp DNA linear GSS 29 10076C22F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0076C22 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EST 18420 Turning Grape Berry Lambda Triplex2 Library Vitis vinifera cDNA clone B3CS37TB007C08 3', mRNA sequence.
University of Utah Genome University of Utah Rm. 308, Biomedical Polyme
                                                                Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                 GSS.
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Vitis vinifera
                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
                                                                                                                                                                                                                                                                                                       Mus musculus
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Fax: 00-33-(0)5-57-12-25-48
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                                                                                                          plasmid inserts
                                                                                                                          Mouse whole genome scaffolding with paired end
                                                                                                                                                                                                                                    1 (bases 1 to 26)
                                                                                                                                                                                                                                                                                                                         Mus musculus (house mouse)
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71, Avenue Edouard Bourleaux,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    h 0.3%;
Similarity 87.0%;
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    Biomedical Polymers Research Bldg.,
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/clome_lib="Turning Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library
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/culfivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
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                                                                Weiss
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Pred. No. 1.9e
0; Mismatches
                                              Center
                                                                                                                                                                                                                                                             Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus
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LOCUS
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"hes 20; Conserve
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                                                                                                                                                                                               Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb mouse whole genome scaffolding with paired end reads
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AZ359871.1 GI:10473571
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Insert Length: 10000 Std Error:
Plate: 0076 row: C column: 22
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
                                                                                                                                                   plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus (house mouse)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Fax: '801 585 7177
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/clone_lib="Mouse_lokb plasmid UUGCIM_library"
/note="Vector: pw042nv, Purified genomic_DNA_from_M.
musculus_C57BL/6J_(male) was obtained from the Jackson
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/strain="C57BL/6J"
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87.0%;
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Italam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                              plasmid inserts
(7000)
(Inpublished (7000)
(Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26 bp DNA linear GSS 02-OCT-20
1M0130E08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0130E08 R, genomic survev semienna
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Insert Length: 10000 Std Error: 0.00
Plate: 0102 row: H column: 23
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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84112,
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                         Biomedical Polymers Research Bldg.,
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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87.0%; Pred. No. 1.9e+02;
ative 0; Mismatches 3; Indels
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High quality sequence stop: 26.
Location/Qualifiers
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                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Mus musculus (house mouse)
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ddunn@genetics.utah.edu
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                        Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts Unpublished (2000)
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Plate: 0150 row: D column: 13
Seq primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
                                                                                                                                                                                                                                                                                                                  Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Location/Qualifiers
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                                                       Tel: 801 585 5606
Fax: 801 585 7177
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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llarity 87.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt end-si in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                              USA
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strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
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                                                                                                                                       Polymers Research Bldg.,
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Matches 20; Conserv
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AZ593300
AZ593300.1 GI:11715490
GSS.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0404 row: E column: 16
                                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                             University of Utah Genome Center University of Utah
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Unpublished (2000)
                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                Contact: Robert B. Weiss
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                       Biomedical
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/strain="C57BL/6J"
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Pred. No. 1.9e+02;
0; Mismatches 3;
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(7000)
(Inpublished (7000)
(Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mus musculus
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1M0439E17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0439E17 R, genomic survey sequence.
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High quality sequence stop: 26.
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0439 row: B column: 17
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli X110-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Pred. No. 1.9e+02;
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High quality sequence stop: ;
Location/Qualifiers
                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0463 row: G column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                            Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 26)
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plasmid ends
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/strain="C57BL/6J"
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                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0474 row: H column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Unpublished (2000)
Contact: Robert B.
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1M0474H08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0474H08 F, genomic survey sequence.
                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
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High quality sequence stop: 26.
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(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Nouse, whole genome scaffolding with paired end reads from 10kb
Class: plasmid ends
High quality sequence stop: 26.
Location/Qualifiers
                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0493 row: G column: 18
Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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1M0493G18F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
Clone UUGC1M0493G18 F, genomic survey sequence.
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 1.9e+02;
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ORGANISM
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AZ652515
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VERSION
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source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 25 AAAAAAAAAGAAAAAAAAAAA 3
                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus (house mouse)
Mus musculus
                  High quality sequence stop: 26.
Location/Qualifiers
                                                                          Class: plasmid ends
                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0525 row: H column: 15
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
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/clone="UUGC1M0493G18"
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Pred. No. 1.
                                                                                                                                                    Std Error: 0.00
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Best Local S
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                                                                                                          Imail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0058 row: 0 column: 23
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb
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                                                   quality sequence stop: 26.
Location/Qualifiers
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/mol_type="genomic DNA"
organism="Mus musculus"/
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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                                                                                                                                                 Email: ddunn@genetics.utah.edu
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Plate: 023 row: N column: 01
Seq primer: CGTTGTAAAACGACGGCCAGT
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Location/Qualifiers
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                                                                                                                              Class: plasmid ends
                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B.
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                                                  1. .26
  /organism="Mus musculus
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0058023"
mol_type="genomic
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Pred. No. 1.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                     Std Error: 0.00
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                                                                                                                                                                                                                                                   Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Trypanosoma brucei
Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AL493390
AL493390.1 GI:11867755
GSS.
                                                                                                                                                     Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available at http://www.sanger.ac.uk/Projects/T_brucei/.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.E., Rajandream, M.A. and Barrell, B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 genomic survey sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nh1@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AAAAAAAAAAAAAAAAAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             324D07P 26 bp DNA linear GSS 13-DE brucei sheared genomic DNA clone 324d07, forward sequence,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (bases 1 to 26)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 [gb]Ar129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to edaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymelectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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/organism="Trypanosoma brucei"
/mol_type="genomic DNA"
/strain="TREU927"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource
                                                                                                                                    location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab_host="B. coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC2M library"
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Pred. No. 1.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GSS 13-DEC-2000
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RESULT 299 TA324D07P LOCUS

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Matches

REFERENCE AUTHORS

COMMENT

JOURNAL

FEATURES

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RESULT 301 AZ394897/c

DEFINITION

AZ394897 21 bp DNA linear GSS 03-OCT-200 1M0158H11R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0158H11 R, genomic survey sequence.

GSS 03-OCT-2000

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SOURCE ORGANISM

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VERSION
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BX548564/c
LOCUS
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Best Local Similarity 87.0%;
Matches 20; Conservative
                                                                                               Query Match
Best Local Similarity
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                            5394 AAAAAATACAAAAAAGAAAAA 5414
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Glossina morsitans morsitans
Glossina morsitans
Glossina morsitans
Glossina morsitans
Glossina morsitans
Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Hippoboscoidea; Glossinidae; Glossina.
1 (bases 1 to 21)
21
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Genome Biol. 4 (10), R63 (2003)
22881942
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All clones w
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          The Sanger Institute The Wellcome Trust Genome Campus Hinxton, Cambridge, CB10 15A, UK Request for clones, please contact: Mike Lehane Prof. M.J.Lehane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Hall N
Pathogen Sequencing Unit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lehane, M.J., Aksoy, S., Gibson, W., Kerhornou, A., Berriman, M., Hamilton, J., Soares, M.B., Bonaldo, M.F., Lehane, S. and Hall, N. Adult midgut expressed sequence tags from the tsetse fly Glossina morsitans morsitans and expression analysis of putative immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BX548564 Glossina morsitans morsitans adult infected gut Glossina morsitans morsitans cDNA clone Tsel01g03_plc, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     University of Wales,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         School of Biological Sciences,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14519198
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                                                                                                                                                                                                                                                                                                                                                                                                                                    clones with suffix qlc are reverse primer reads starting at 5' of the cDNA all plc reads are from
                                                                              Conservative
                                                                                                                                                                /note="country: Zimbabwe; EST from adult gut infected with
T.brucei"
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/clone="324d07"
                                                                                                                                                                                                                                                                                                           /mol_type="mRNA"
/sub_species="morsitans"
                                                                                                                                                                                                                           /clone_Tib="Glossina morsitans morsitans adult infected
                                                                                                                                                                                                                                                /clone="Tse101g03_p1c"
/tissue_type="adult infected gut"
                                                                                                                                                                                                                                                                                                                                                      organism="Glossina morsitans morsitans"
                                                                                                                                                                                                                                                                                                                                                                                               ocation/Qualifiers
                                                                                                                                                                                                                                                                                            db xref="taxon:37546"
                                                                                                 90.5%;
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Pred. No. 1.9e+02;
                                                                                                   Score 17.8; DB 1;
Pred. No. 1.7e+02;
                                                                              Mismatches
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21 bp DNA linear GSS 05-OCT-201 1M0315M10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0315M10 F, genomic survey sequence.
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Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 21)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0158 row: H column: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ394897
AZ394897.1 GI:10509969
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                          Similarity
                                                                                                                                                                                         AGAGAGAGAGAGAGAGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   quality sequence stop: 21.
Location/Qualifiers
                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                    Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /lab_host="R. Coli strain XI10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM 1lbrary"/note="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            clone="UUGC1M0158H11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="Mus musculus
                                                                                                                                                                                                                                                                                                        90.5%;
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                                                                                                                                                                                                                                                                                                        Score 17.8; DB 1; Length 21; Pred. No. 1.7e+02;
                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                              8; L-
. 1.7e+02;
2;
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                                                                          GSS 05-OCT-2000
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         VERSION
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REFERENCE
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KEYWORDS
SOURCE
ORGANISM
                                                                                                                                       RESULT 303
AZ589098
                                                                                  DEFINITION
                                                                                                                                                                                                                                                                                                                                                                Query Match 0.3%;
Best Local Similarity 90.5%;
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         JOURNAL
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                                                                                                                                                                                                                                                         21
                                   AZ589098
21 pp LVM
1M0397B19R Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0397B19 R, genomic survey sequence.
AZ589098
AZ589098.1 GI:11711288
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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1 (bases 1 to 21)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Tnsert Length: 10000 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ486776.1 GI:10653882
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Insert Length: 10000 Std E. Plate: 0315 row: M column:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606 Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         308,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi 4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
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/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Location/Qualifiers
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/clone="UUGC1M0315M10"
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                                                                                                                                                                                                                                                                                                                                                                                                 Score 17.8; DB 1;
Pred. No. 1.7e+02;
                                                                                                                                                                                                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                        Length 21;
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                                                                                                                                                                                     DEFINITION
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Best Local Similarity
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11 bp DNA linear GSS 13-DEC-201 IM0412D23F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0412D23 F, genomic survey sequence.
AZS97932 AZS97932 .1 GI:11720122
GSS.
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Insert Length: 10000 Std Error: 0.00
Plate: 0397 row: B column: 19
Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Laboratory Mouse DNA Resources (Anares). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAP2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coll XI10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0397B19"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 17.8; DB 1;
Pred. No. 1.7e+02;
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ACCESSION VERSION KEYWORDS SOURCE

AZ627978 AZ627978.1 GI:11750168 GSS. Mus musculus (house mouse)

DEFINITION

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RESULT 305
AZ627978/c
LOCUS
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AUTHORS
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Best Local
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                                                                                                                                                                                                                                                              5395 AAAAATACAAAAAAGAAAAA 5415
                                                                                                                                                                                                         21
AZ627978 21 bp DNA linear GSS 13-DEC-200 1M0476L04F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0476L04 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Class: plasmid ends
High quality sequence stop: 21.
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Insert Length: 10000 Std Error: 0.00
Plate: 0412 row: D column: 23
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          plasmid inserts
Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 21)
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                                                                                                                                                                                                         AAAAAAGAAAAAGAAAAA 1
                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                        Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coil XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    clone="UUGC1M0412D23"
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                                                                                                                                                                                                                                                                                                                                              0.3%; Score 17.8; DB 1; 90.5%; Pred. No. 1.7e+02;
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                                                                 GSS 13-DEC-2000
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AUTHORS
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AZ822825
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Best Local :
ORGANISM
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                      21 bp DNA linear GSS 21 2M0096I20F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0096I20 F, genomic survey semiance AZ822825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0476 row: L column: 0
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                                             SSD
                                                                  AZ822825.1 GI:12992733
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                             Similarity
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musculus
                    musculus
                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                  was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0476L04"
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                      (house mouse)
                                                                                                                                                                                                                                                                                                                                                                           90.5%;
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                                                                                                                                                                                                                                                                                                                                                      0;
                                                                                                                                                                                                                                                                                                                                                                           Score 17.8; DB 1; Length 21; Pred. No. 1.7e+02;
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                                                                                                                                  genomic
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VERSION
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AZ633751.1
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                      Mus musculus
  Eukaryota;
                                           Mus musculus (house mouse)
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밁 S

Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

GI:11755941

genomic

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5393 AAAAAAATACAAAAAAGAAAA 5413
AZ633751 22 bp DNA linear GSS 13 1M0489I11F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC1M0489II1 F, genomic survey sequence.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
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Insert Length: 10000 Std Error:
Plate: 0096 row: I column: 20
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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'clone="UUGC2M0096I20"
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strain="C57BL/6J"
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Pred. No. 1.7e+02;
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2M0096G06R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0096G06 R, genomic survey sequence.
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High quality sequence stop: 22.
Location/Qualiflers
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ando
                                                    Mus musculus (house mouse)
                                                                                                        AZ822888.1 GI:12992796 GSS.
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Insert Length: 10000 Std Error: 0.00
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University of Utah Genome Center
University of Utah
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Fax: 801 585 7177
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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24 bp DNA linear GSS 13-DEC-200
1M0474N20F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0474N20 F, genomic survey sequence.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 24)
                                                                               Mus musculus
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0096 row: G column: 06
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
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Unpublished (2000)
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AZ627850.1 GI:11750136
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Location/Qualifiers
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 23;
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          Lolium multiflorum (Italian ryegrass)
Lolium multiflorum
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Poeae; Lolium.
                                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Brror:
Plate: 0474 row: N column: 20
Seq primer: CGTTGTAAAACGACGGCCAGT
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                         AU247142.1
EST.
                                                                                                                                                                                                    AU247142 FL Lolium multiflorum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector NNA adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"

(mol_type="genomic DNA"

(strain="C57BL/6J"
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                                                                                                                                            GI:46504411
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Pred. No. 1.9e+02;
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1.9e+02;
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Matches 19; Conserv
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                                                                                                                                                                                                  FORWARD: T3 primer
BACKWARD: T7 primer
Plate: mgcs009 row: I
Seq primer: T3.
                                                                                                                                                                                                                                                                                                                                          Department of Plant Pathology & Microbiology
Texas A&M University
Peterson Bldg, MS2132, College Station, TX 77843-2132, USA
Tel: 979 845 4831
Fax: 979 845 6483
Email: d-ebbole@tamu.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 25)
Ebbole,D.J., Yuan,J., Thomas,T.L.,
Bhatterai,K. and Dean,R.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Magnaporthe grisea (anamorph: Pyricularia grisea)
Magnaporthe grisea
Magnaporthe grisea
Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
Sordariomycetes incertae sedis; Magnaporthaceae; Magnaporthe.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                mgcs009xP04f.b Magnaporthe grisea CS Uni-Zap XR Library Magnaporthe grisea cDNA clone mgcs009xP04 5', mRNA sequence.
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Email: sikeda67ejfsass.or.jp
contact:Tadashi Takamizo (takamizo@affrc.go.
National Institute of Livestock and Grasslan
Resistance gene analog.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Japan Grassland Farming Forage Seed Association(JFSA) Forage Crop Research Institute(FCRI) Higasiakada 388-5, Nishinasuno, Tochigi 329-2742, Japrel: 81-287-37-6755
                                                                                                                                                                                                                                                                                 person;
PCR PRimers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Expressed sequence tags from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Seishi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Ebbole DJ
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                                                                                                                  organism="Magnaporthe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /tissue_type="Inflorescence"
/clone_Tib="FL"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Lolium multiflorum"
/mol_type="mRNA"
/db_xref="taxon:4521"
                                       /clone="mgcs009xP04"
/sex="Mat1-2 hermaphrodite"
                                                                                                                                                                                   ocation/Qualifiers
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cell_type="conidia"
clone_lib="Magnaporthe grisea CS
                                                                                 gtrain="Guyll"
db_xref="taxon:148305"
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                                                                                           sequence is available, see contact
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                the rice blast fungus, Magnaporthe
                                                                                                                                            grisea"
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Seq primer: CGTTGTAAAACGACGGCCAGT
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Pax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Bric
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 25)
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AZ510124.1 GI:10691440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  musculus (house mouse)
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quality sequence stop: 25.
Location/Qualifiers
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/lab_host="E. Coli strain XII0-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
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                                                                                                                                                                                                                                                                                                                                                                                          organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
/clone="UUGC1M0354K22"
                                                                                                                                                                                                                                                                                                                sex="Male"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              plasmid inserts
Unpublished (2000)
Contact; Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0536 row: E column: 18
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 25)
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1M0536E18F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0536B18 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Class: plasmid ends
High quality sequence stop: 25.
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Laboratory Mouse DNA Resources (documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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                                                                                                                                                                                                                 /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWPA2nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso)
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                                                                                                                                                                                                                                                                                                                                                                                                   organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0536E18"
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AZ664804/c
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0545 row: H column: 24
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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1M0545H24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0545H24 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2000)
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(http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                          /lab host="B. Coli strain XL10-Gold, T1-resistant, F-"/Clone lib-"Mouse 10kb plasmid UUGCIM library /note="Vector: PW927nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso
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                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                         /clone="UUGC1M0545H24"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Std Brror: 0.00
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COMMENT

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FEATURES

FEATURES

kb range using preparative agarose gel

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SOURCE
ORGANISM
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AZ399663/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddwnn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0165 row: C column: 10
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 24)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ399663 24 bp DNA linear GSS 03-OCT-20 1M0165C10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0165C10 R, genomic survey sequence.
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University of Utah
Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unpublished (2000)
Contact: Robert B.
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Pax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Class: plasmid ends
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                      aboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                  sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                          clone="UUGC1M0165C10"
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Insert Length: 10000 Std Error:
Plate: 0361 row: H column: 04
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Location/Qualifiers
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Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/Clone lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pw042nv, burified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Biomedical Polymers Research Bldg.,
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0429 row: G column: 03
Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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Contact: Robert B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mouse whole genome scaffolding with paired end reads from 10kb
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.05 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNPA2 (gil4732114 gb) AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
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                                                                                                                                                                                                                                                                            /sex="Male"
/lab_host="B. Coli strain XL10-Gold, T1-resistant,
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from N
musculus C57BL/6J (male) was obtained from the Jac
Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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Pred. No. 2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Sd Bror: 0.00
Plate: 0466 row: J column: 07
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1 (bases 1 to 24)
1 (bases 1 to 24)
1 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligomucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
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                                                                                                                                                                                                                                                                                                                      /lab host="B. Coli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                    sex="Male
                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="UUGC1M0466J07"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 organism="Mus musculus'
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AZ814559/c
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5396 AAAATACAAAAAAGAAAAATGAA 5419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0082 row: P column: 18
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;

1 (Dases 1 to 24)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,

Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,

Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von

Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AZ814559 24 bp DNA linear GSS 20 2M0082P18F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0082P18 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          High quality sequence stop: 24.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AZ814559.1 GI:12984467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    308,
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
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                                                                                                                                                                                                                                                                                                                             /sex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jacksor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Biomedical
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                          clone="UUGC2M0082P18"
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                                                                                                                                                                                                                                                                                                                                     from the Jackson
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Rommalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus

1 (bases 1 to 25)
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AZ330737.1 GI:10392737
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High quality sequent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0056 row: F column: 09
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AZ330737 Mouse 10kb plasmid UUGCIM library Mus musculus
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCLM library./notee="Vector: PW042nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="UUGC1M0056F09"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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Pred. No. 2e+02;
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REFERENCE
AUTHORS
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SOURCE
ORGANISM
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AZ510952/c
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Best Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.1

Plate: 0355 row: G column: 15

Seq primer: CACACAGGAAACAGCTATGACC

Class: plasmid ends
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   N
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1M0355G15R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0355G15 R, genomic survey sequence.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
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musculus CSTBL/GJ (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pM942 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab host="E. Coli strain XL10-Gold, T1-resistant,
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv, Purified genomic DNA from |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                clone="UUGC1M0355G15"
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Pred. No. 2
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RESULT 322
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20 p DNN
1M0219C02R Mouse 10kb plasmid UUGC1M library Mus musculus clone_UUGC1M0219C02 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Plate: 0219 row: C column: 02
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into definically-competent E. coli XL10-Gold (Stratagene) cells and selected for ambicillin resistance."
                                                                                                                                                                                                                          was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with Tal MNA polymerase and Tal polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                               /lab_host="B. Coli strain XL10-Gold, Tl-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCiM library"/note="Vector: pM942nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        'sex="Male"
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Pred. No. 1.7e+02;
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AZ492997/c
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Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0327 row: K column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   plasmid inserts
Unpublished (2000)
Contact: Robert B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AZ492997
20 bp DNA linear GSS 05-OCT-200
1M0327K24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0327K24 F, genomic survey sequence.
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Fax: 801 585 7177
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pud42 (gi |4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           /note=^{\pi}Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jack
                                                                                                                                                                                                                                                                                                                                                                                                                                  laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           'lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
clone_lib="Mouse 10kb plasmid UUGC1M library"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sex="Male"
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Pred. No. 1.8e+02;
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AZ770557/c
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0572 row: N column: 08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Unpublished (2000)
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AZ770557.1 GI:12891863
GSS.
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C578L/6J"
/db_xref="taxon:10000"
/clone="UUGC1M0572N08"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /sex="Male"
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Pred. No. 1.8e+02;
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Query Match

0.3%; Score 17.4;

DB 1;

Length 20;

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AUTHORS
TITLE
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VERSION
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AJ747407
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                                                                                                                                                               AJ747407 forward - stimulated minus unstimulated m scrofa cDNA clone F_C0001825b_A06, mRNA sequence. AJ747407 AJ747407 AJ747407.1 GI:49917653
                                                                                                                                                                                                                                                                                                                                                                                              31 CTGGGAGCCAGCAGCCCGG 49
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;

Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae;

1 (bases 1 to 22)

1 (bases 1 to 22)
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AJ649983.1
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AJ649983
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Butheria; Cetartiodactyla; Suina; Suidae; 1 (bases 1 to 22)
Hopwood,P.A., Zhang,F., Lowden,S., Talbot,R., Burt,E and Dixon,L.
Development of a porcine cDNA microarray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               embryo development in pigs and cattle Unpublished (2004)
Contact: Anderson SI
Genomics and Bioinformatics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Roslin Institute
Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred
Single pass sequencing. Bases called and trimmed with the -minscore 20
v0.020425.c. Vector identified by cross match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(KS) R. Sitel: EcoRI
R. Site2: NotI 5' Seq Primer M13F Normalised library constructed
from pooled ovaries. Clones available from UK Centre for Functional
Genomics in Farm Animals, Roslin Institite, Roslin, Midlothian, UK,
                                                                                                                    Sus scrofa (pig)
Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Anderson, S.I., Finlayson, H.A. and Archibald, A.L. Development of cDNA and EST resources for studying
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sus scrofa (pig)
                                                                                                                                                                                                                                                                                                                                                                                                                                                       n 0.3%; Score 17.4; DB 1; Length 22; Similarity 94.7%; Pred. No. 2e+02;
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CSEQRAN19 Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /tissue_type="ovary"
/clone_Tib="CSEQRAN19"
/note="Vector: pBlueScript11(KS+); Site_1: EcoRI; Site_2:
NotI; Single_pass_sequencing; Normalised_library
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                constructed from pooled ovaries"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  www.ark-genomics.org.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Sus scrofa"
/mol_type="mRNA"
/db_xref="taxon:9823"
/clone="C0003274_A22"
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a cDNA clone C0003274_A22, mRNA
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                                      Burt, D., Archibald, A
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Contact: Hopwood PA
Contact: Hopwood PA
Dept. of Preclinical Veterinary Sciences
Royal School for Veterinary Studies
Royal School for Veterinary Studies
Summerhall, Edinburgh, EH9 10H, UNITED KINGDOM
Sequencing was performed by ARK genomics. This clone is available
from ARK- Genomics, Roslin Institute, Roslin, Midlothian EH25 9PS,
UK. See www.ark- genomics.org or contact info@arkgenomics.org.
Location/Qualifiers
AW332181 22 bp
S5C7 AGS-1 Pneumocystis carinii
                                                                                                                                                                                                                                                                                                                                                                                                                                                   EST (Ottenwaelder, et al.)
Unpublished (1999)
Contact: MIPS
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AL038477.1 GI:49682139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DKFZp566C1646_rl 566 (synonym: hfkd2)
DKFZp566C1646, mRNA sequence.
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                                                                                                                                                                                   Similarity
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/db_xref="taxon:9823"
/clone="F_C0001825b_A06"
/tissue_type="lung"
/cell_type="macrophage"
/clone_lib="forward - stimulated minus unstimulated
                                                                                                                                                                                                                                                 /clone="DKFZp566C1646"
/tlssue_type="kidney"
/dev_stage="fetal"
/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
                                                                                                                                                                                                                               'note="Vector: pAMP1; Site_1: NotI; Site_2:
                                                                                                                                                                                                                                                                                                                                  organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Pred. No. 2.1e+02
                                                                                                                                                                                   Score 17.2; DB 1; Length 22; Pred. No. 2.1e+02;
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 mRNA linear EST cDNA 3', mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear EST 06-JUL-2004 sapiens cDNA clone
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                    EST 31-JAN-2000
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ACCESSION
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AW332399/c
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JOURNAL
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Best Local Similarity 86.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  22 AAAAAAAAAAAAAAAAAA 1
                                                                                                Tel: 606 257 2161
Fax: 606 257 1717
Email: staben@pp.uky.edu.
                                                                                                                                                                                                                                                1 (bases 1 to 22)
Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J.,
Edman,J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
Unpublished (2000)
Contact: Staben C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AW332399 22 bp mRNA linear EST
SBAZ AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence.
AW332399
AW332399.1 GI:6828756
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Smulian,A.G., Arnold,J., Weise,M., Wunderlich,J.,
Edman,J.C., Kovacs,J. and Cushion,M.
Expressed sequence tags from Pneumocystis carinii
Unpublished (2000)
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Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
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Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
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University of Kentucky
101 Morgan Building, University of Kentucky, Lexington,
40506-0225, USA
                                                                                                                                                                101 Morgan Building,
40506-0225, USA
                                                                                                                                                                                                         School of Biological Sciences
University of Kentucky
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AW332181.1
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Location/Qualifiers
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/note="Vector: Lambda ZAP II; Site 1: EcoRI; Site 2: XhoI;
/note="Vector: Lambda ZAP II; Site 1: EcoRI; Site 2: XhoI;
P. carinii organisms (3x10e9) from a single rat (59-1-6,
Bacrificed on 3/17/99) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard
conditions described by vendor, Stratagene, Further
conditions described by vendor, Stratagene, Further
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   details see www.uky.edu/Project/Pneumocystis/"
/organism="Pneumocystis
/mol_type="mRNA"
/db_xref="taxon:4754"
                                                                                     Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="mRNA"
/db_xref="taxon:4754"
/lab_host="E._coli"
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                                                                                                                                                                                          University
                                                                                                                                                                                          of Kentucky,
                                               carinii"
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                                                                                                                                                                                          Lexington,
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CF299342/c
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                              DEFINITION
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CF300133
CF300133
7LEAF--04-G19.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--04-G19, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 22)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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22 bp mRNA linear EST 15-AUG-2003
7LEAF--03-F06.bl Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--03-F06, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Trachéophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoldeae; Oryzeae; Oryza.
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Oryza sativa (japonica cultivar-group)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac
Location/Qualifiers
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82 31 330 6193
82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                  /db_xref="taxon:39947"
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/lab_host="8.coli DH10B"
/clone_lib="Rice leaf plasmid cDNA library II (71EAF)"
/note="Vector: pCR4-TOPO; Site 1: EcoR1; mRNA was cappe
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Vector: Lambda ZAP II; Site 1: EcoRI; Site 2: XhoI; P. Carinii organisms (3x10e9) from a single rat (99-1-6, sacrificed on 3/17/99) at Cincinnati VA facilities. Trizol extracted RNA. Oligo dT priming, standard conditions described by vendor, Stratagene. Further details see www.uky.edu/Project/Pneumocystis/"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                                                                                                                                                                                                               Score 17.2; DB 1;
Pred. No. 2.1e+02;
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Klm,J.S., Jun,K.M., Cheong,P.J., Klm,M.J., Lee,T.H.,
Song,S.I., Klm,J.K., Klm,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                         Oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoidaee; Oryzeae; Oryza.
                                                                                      Genomics and Genetics Institute, GreenGene Blotech Inc.; of Bloscience and Bloinformatics, MyongJi University YongIn, KyeongJi, Korea Tel: 82 31 330 6193

Fax: 82 31 321 6355
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Enkaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermacophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzae;
(hases 1 to 22)
1 (bases 1 to 22)
1 (bases 1 to 22)
1 (bases 1, Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CF310366 22 bp mRNA linear EST 15-AUG-2003 ABF--04-P14.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (Japonica cultivar-group) cDNA clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CF310366.1 GI:33682127
                                                                                                                                                                                                         Contact: Nahm B.H
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ABF--04-P14, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 82 31 330 6193 Fax: 82 31 321 6355
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                                             bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
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Location/Qualifiers
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organism="Oryza sativa (japonica cultivar-group)"
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Pred. No. 2
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5393 AAAAAAATACAAAAAAGAAAAA 5414
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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ABF--06-G21.gl ABF3-overexpressing transgenic rice plasmid cDNA
library (ABF) Cryza sativa (japonica cultivar-group) cDNA clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF311269
CF311269.1 GI:33683030
EST.
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                                                                Similarity
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                        /organism="Oryza sativa (
/mol type="mRNA"
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/tissue_type="leaf"
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/note="vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression line."
                                                                                                                                  /note="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression line."
                                                                                                                                                                                                                                                /dev_stage="14 days after germination"
/lab_host="5.col1 DH10B"
/clome lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"
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/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
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/clone="ABF--04-P14"
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/cultivar="Nackdong"
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Pred. No. 2.1e+02;
0; Mismatches 3;
                                                           Score 17.2;
Pred. No. 2.
                                          Mismatches
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                                                                  .1e+02;
                                                                                        DB 1;
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                                                                                   Length 22;
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FEATURES

COMMENT

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AUTHORS

SOURCE

KEYWORDS VERSION ACCESSION

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RESULT 335
CF312498
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Best Local Similarity 86.4%;
Matches 19; Conservative
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                            Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                                                                                         CF312498 22 bp mRNA linear EST 15-AUG-2003
ABF--08-E15.g1 ABF3-overexpressing transgenic rice plasmid cDNA
library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
ABF--08-E15, mRNA sequence.
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Kim, J.S.,
                     Ehrhartoideae; Oryzeae; Oryza.
1 (bases 1 to 22)
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Tel: 82 31 330 6193
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
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    Jun, K.M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /tissue_type="leaf"
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/lab_host="E.coli DH10B"
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clone="ABF--07-B13"
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  Cheong, P.J.,
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Pred. No. 2.1e+02;
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    Kim, M.J.,
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      Lee, T.H., Shin, Y.C.,
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Matches 19
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magmoliophyta; Liliopsida; Poales; Poaceae;
Ehrharioideae; Oryzeae; Oryza.
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CP330679 22 bp mRNA linear EST 18-AUG-2003
NACL--06-H22.bl Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--06-H22, mRNA
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Genomics and Genetics Institute, Cof Bioscience and Bioinformatics,
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CF330679
CF330679.1 GI:33809583
EST.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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/organism="Oryza sativa (ja/mol_type="mgNA"
/cultivar="Mackdong"
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/clone="NACL--06-H22"
/tissue_type="callus"
/dev_stage="proliferated callus"
/lab_host="E.coli_DH10B"
                                                                                                                                                                                                                                                                    Kyeonggi, Korea
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/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="ABF--08-E15"
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/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="ABF3-overexpressing transgenic rice plasmid
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Pred. No. 2
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                                                                                                                                                                                                                                                                                     GreenGene Biotech Inc.; , MyongJi University
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RESULT 338 CF334781/c LOCUS

DEFINITION

CF334781 22 bp mRNA linear in JMT--04-D05.gl AtJMT-overexpressing transgenic rice in library (JMT) Oryza sativa (japonica cultivar-group) JMT--04-D05, mRNA sequence.

EST 18-AUG-2003 plasmid cDNA

cDNA clone

ACCESSION

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CF333430/c
                                                                                                                                       Query Match 0.3%;
Best Local Similarity 86.4%;
Matches 19; Conservative
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22 AAAAAAAAAAAAAAAAAAAAA 1
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Evaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnollophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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library (JMT) Oryza sativa (japonica cultivar-group) cDNA cl
JMT--02-F04, mRNA sequence.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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/clone lib="AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRN was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl methyltransferase overexpression line."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                                                                                                           Score 17.2;
Pred. No. 2.
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Pred. No. 2
                                                                                                                                   Mismatches
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Best Local S
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  Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193

Fax: 82 31 321 6355

Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.

Location/Qualifiers
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                                                                                                                                                                                             1 (bases 1 to 22)
1 (bases 1 to 22)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                                                                                                                                                                                                                                                                                                           Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L.
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiklantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Unpublished (2003)
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CF336250.1 GI:33820891
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EST.
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was reverse transcribed and then used for PCR. mRNA was
pepared from Arabidopsis Jasmoinate Carboxyl
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/lab_host="E.coli DH10B"
/clone lib="AttMT-overexpressing transgenic rice plasmid
cDNA library (JMT)"
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/cultivar="Nackdong"
/db_xref="taxon:39947"
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plasmid cDNA
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5393 ААЛАЛАЛТАСАЛАЛААСАЛАЛА 5414

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SOURCE
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Query Match
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Matches 19; Conserv
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                       Conservative
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Location/Qualifiers
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/lab_host="E.coli DH10B"
/clone lib="AtJMT-overexpressing transgenic rice plasmid
/cDNA library (JMT)"
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/lab_host="8.coli DH10B"
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cDNA library (JMT)"
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/mol_type="mRNA"
/cultivar="Nackdong"
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/clone="JMT--06-D20"
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clone="JMT--08-B11"
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Pred. No. 2.
                                        Score 17.2; DB 1;
Pred. No. 2.1e+02;
                         Mismatches
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CN545550/c
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Best Local Similarity
Matches 19; Conserv
                                            AUTHORS
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EST 17494 Ripe Grape Skil
clone B3CS00RL003D05 3',
CN545550

CN545550.1 GI:46910175
EST:
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CP338524 CP338524.1 GI:33825436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 22)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnollophyta, Lillopsida, Poales, Poaceae,
Shrhartoideae, Oryzeae, Oryza.
Abbal,P., Agasse,A., Ageorges,A., Atanassova,R., Couture,C., Dedaldechamp,F., Delrot,S., Glissant, Hamdi,S., Romieu,C. and Terrier,N.
                                                                              Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core excesids; Vitaceae; Vitis.
                                                                                                                                      Vitis vinifera
Vitis vinifera
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nilarity 86.4%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /db xref="taxon:39947"
/clome="RCL1--01-P07"
/clome="RCL1--01-P07"
/tissue_type="callus"
/dev stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli SOLR"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             regenerated media<sup>®</sup>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             clone_lib="Regenerated callus lambda phage cDNA library
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/mol_type="mRNA"
/cultivar="Nackdong"
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3', m
                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
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Pred. No. 2.1e+02;
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D., Grimplet, J.,
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                                                                                                                                                                                                                                                                                            Unpublished (2000)
Contact: Robert B. Weiss
University of Utah
Rm. 308, Biomedical Polymers Rese
                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0018 row: D column: 18
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 00-33-(0)5-57-12-25-50
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    /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                Location/Qualifiers
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
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Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne Universite de Bordeaux I, Institut National de l
                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 22)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AZ310066 22 bp DNA linear GSS 29 1M0018D18R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0018D18 R, genomic survey sequence.
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/clone_lib="Ripe Grape Skin Triplex2 Library"
/clone_"Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Vitis vinifera"
|mol type="mRNA"
|culfivar="cabernet Sauvignon"
|db_xref="taxon:29760"
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                                                                                                                                                                                                                                                                                                                                                                  84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                                                                                                                                                                                            Plate: 0089 row: E column: 07
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0089 row: E column: 07
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 22)
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
Laboratory Mouse DNA Resources/documents/dnares/). The Di
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and selected for ampicillin resistance."
                         /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                               organism="Mus musculus"
                                                                                                                                               Location/Qualifiers
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'db_xref="taxon:10090"
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Pred. No. 2.1e+02;
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SOURCE
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AZ357630
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
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1M0099M15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0099M15 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Errr
Plate: 0099 row: M column: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 22)
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                                                                                                                                                                                                                                  Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AZ357630.1 GI:10471318
                                                                                                                                                                                                    High quality sequence stop: 22.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Rm. 308,
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone="Vector: PWD42nv; Purified genomic DNA from M.
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Biomedical Polymers Research Bldg.,
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                                                     organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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clone="UUGC1M0099M15"
                                                                                                                                                                         ocation/Qualifiers
                                db_xref="taxon:10090"
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Pred. No. 2.1e+02;
                                                                                                                                                                                                                                                                                                                     Std Error:
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Best Local Similarity
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AZ388103.1 GI:10501811
GSS.
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                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606

Fax: 801 585 7177

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0147 row: N column: 14

Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 22)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1M0147N14R Mouse 10kb plasmid clone UUGC1M0147N14 R, genomic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unpublished (2000)
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                                                                                                                                                                                                                     ass: plasmid ends
igh quality sequence stop: 22.
Location/Qualifiers
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/note="TVector: PWP42nv; Purified genomic DNA from M.
musculus CS7BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                      organism="Mus musculus"
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                                                  Clone="UUGC1M0147N14"
_host="E. Coli strain XL10-Gold, T1-resistant, F-"
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Pred. No. 2.1e+02;
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                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0168 row: P column: 24
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 22)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                            Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               plasmid inserts
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gh quality sequence stop: 22.
Location/Qualifiers
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                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
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/note="Vector: PWD42nv; Purified genomic DNA f
/sex="Male"
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                                                                                                                db_xref="taxon:10090"
                                                                                                                                                                                         organism="Mus musculus"
                                                                                       clone="UUGC1M0168P24"
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Pred. No. 2.
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AZ424307/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 22)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ424307
22 Dp UNA 110203A24R Mouse 10kb plasmid UUGCIM library Muclone UUGCIM0203A24 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0203 row: A column: 24
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unpublished (2000)
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gh quality sequence stop: 22.
Location/Qualifiers
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                       /mol_type="genomic_DNA"
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/db_xref="taxon:10090"
                                                                                                                                                                                                                              organism="Mus musculus"
                                                                                         sex="Male"
                                                                                                                   clone="UUGC1M0203A24"
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Pred. No. 2.1e+02;
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KEYWORDS VERSION

FEATURES

FEATURES

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Matches

RESULT 349 AZ428818/c LOCUS JOURNAL COMMENT SOURCE ORGANISM ACCESSION VERSION DEFINITION Query Match Best Local Similarity 5393 AAAAAATACAAAAAAGAAAAA 5414 22 AAAAAAAAAAAAAAAAAAAA 1 19; Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0212 row: A column: 05

Sed primer: CACACAGGAAACAGCTATGACC Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R. 22 bp DNA linear GSS 03-OCT-200 1M0212A05R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0212A05 R, genomic survey sequence University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Res Unpublished (2000) Contact: Robert B. Mus musculus High quality sequence stop: 22. plasmid inserts Mouse whole genome scaffolding with paired end reads from 10kb Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mus musculus (house mouse) AZ428818.1 GI:10552831 Conservative Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWM42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance." USA plasmid ends /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clome_lib="mouse_lokb_plasmid_UUGCIM_library" /note="Vector: pW042Tuv; Purified_genomic_DNA_from_lmusculus_C57BL/6J (male) was obtained_from_the_Jav musculus C57BL/6J (male) was obtained /mol_type="genomic_DNA" /strain="C57BL/6J" /db_xref="taxon:10090" ocation/Qualifiers 'sex="Male" clone="UUGC1M0212A05" organism="Mus musculus" 0.3%; Weiss Polymers Research Bldg., 0 Score 17.2; DB 1; Pred. No. 2.1e+02; Mismatches ω --Length 22; 20 from the Jackson ŝ 2030 GSS 03-OCT-2000 0, from M. ; ; SLC, S 0

KEYWORDS

REFERENCE AUTHORS

TITLE

Laboratory Mouse DNA Resource

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RESULT 350
AZ442146/c
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606

Pax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0234 row: B column: 16
Seg primer: CACACAGGAAACAGCTATGACC
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AZ442146 GI:10566159
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High quality sequence stop: 22.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                         /lab_host="B. Coli strain XL10-Gold, T1-resistant, P-" /Clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PW042nv; burified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0234B16"
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Pred. No. 2.1e+02;
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." (http://www.jax.org/resources/documents/dnares/). The DNA

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REFERENCE
AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Insert Length: 10000 Std Brror: (
Plate: 0364 row: G column: 12
Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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igh quality sequence stop: 22.
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone_lib="Mouse_10kb_plasmid_UUGCIM_library" /note="Vector: PW042nv; Purified_genomic_DNA_from M. musculus_C57BL/6U_(male) was obtained_from the Jackson_Laboratory_Mouse_DNA_Resource_(http://www.jax.org/resources/documents/dnares/). The DNA_fit is the first transfer of transfer 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Biomedical Polymers Research Bldg., 20
                                                                                                                                                                                                                                                                                                                                                               /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                 /db_xref="taxon:10090"
/clone="UUGC1M0264G12"
                                                                                                                                                                                                                                                    'Bex="Male"
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Query Match
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Matches 19; Conserv

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                                                                                                                                                                                                                                                                                                                                                                                                           Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0272 row: E column: 24
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1M0272E24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0272E24 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                  High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso:
                                                       Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
(http://www.jax.org/resources/documents/dnares/). The DNI was hydrodynamically sheared by repeated passage through
                                                                                                                                                                                          /sex="Male"
                                                                                                                                                                                                                   clone="UUGC1M0272E24"
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Pred. No. 2.1e+02;
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AUTHORS
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AZ463652/c
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                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0
Plate: 0272 row: E column: 12
Seq primer: CACACGGAAACAGCTATGACC
Class: plasmid ends
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Mouse whole genome scaffolding with paired end reads from 10kb
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22 bp DNA linear GSS 04-OCT-200 IM0272B12R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0272B12 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ463652
AZ463652.1 GI:10621777
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                                                                                         /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). (http://www.jax.org/resources/documents/dnares/). was hydrodynamically sheared by repeated passage to 0.005 inch orifice at constant velocity. The shear
                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
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                                                                                                                                                                                               'sex="Male"
                                                                                                                                                                                                                      db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                          ocation/Qualifiers
                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
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     passage through
The sheared DNA
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                                                   The DNA
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JOURNAL COMMENT
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Rukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus. 1 (bases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Plate: 0374 row: J column: 15
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0374 row: J column: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus
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1M0374J15R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0374J15 R, genomic survey sequence.
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mcouse 10kb plasmid UUGCIM library"
/clone_TVector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/60 (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical
                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:1000"
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                                                                                                                                                                                                                                                                           sex="Male
                                                                                                                                                                                                                                                                                                           clone="UUGC1M0374J15"
                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
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REFERENCE AUTHORS

TITLE

PEATURES

FEATURES

ACCESSION VERSION

AZ582403

SOURCE KEYWORDS 밁 8

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Matches

VERSION KEYWORDS SOURCE JOURNAL COMMENT REFERENCE AUTHORS RESULT 355 AZ607658 ACCESSION DEFINITION Matches ORGANISM Query Match Best Local Similarity source 5393 19; Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R.; Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb Mus muscullus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi, Muridae; Murinae; Mus.
1 (bases 1 to 22) AZ607658

22 bp DNA linear GSS 1:
1M0430A13F Mouse 10kb plasmid UUGC1M library Mus musculus
clone UUGC1M0430A13 F, genomic survey sequence. 1 AAAAAAAAAAAAAAAAAAAAAAAA 22 Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., Unpublished (2000) AZ607658.1 GSS. جعر الرا الرا Seq primer: CGTTGTAAAACGACGGCCAGT Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0430 row: A column: 13 Tel: 801 585 5606 Pax: 801 585 7177 Contact: Robert B. plasmid inserts Mus musculus (house mouse) AZ607658 AAAAAATACAAAAAAGAAAAA 5414 Conservative USA adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." /Tab host="R. Coli strain XL10-Gold, T1-resistant, F-"
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/clone="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" clone="UUGC1M0430A13" 'db_xref="taxon:10090" sex="Male" GI:11729848 0.3%; <u>,</u> Score 17.2; DB 1; Pred. No. 2.1e+02; Mismatches 0.00 3; Indels Length 22; 20 S. 2030 B., SLC, GSS 13-DEC-2000 0 Gaps genomic S 0

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SOURCE
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University of Utah Ge
University of Utah
Rm. 308, Biomedical F
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0529 row: D column: 0:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unpublished (2000)
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1M0529D05F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0529D05 F, genomic survey sequence.
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Location/Qualifiers
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/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD22nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
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                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                /sex="Male"
                                                                                                                                                                                                                                                                                                                                                              clone="UUGC1M0529D05"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Std Error: 0.00
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COMMENT

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AZ760533
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0554 row: A column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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GSS.
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Pax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unpublished (2000)
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/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C578L/6J (male) was obtained from the Jackson
Laboracory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
ligated to the blunt ends in high molar excess. The
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                                                                                                                                                                                                                                                                                                                                                                                                     organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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'clone="UUGC1M0554A24"
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Pred. No. 2.1e+02;
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Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0016 row: I column: 12
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clone UUGC2M0016I12 R, genomic survey sequence.
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llarity 86.4%;
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                                                             (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /lab host="B. Coli strain XL10-Gold, T1-resistant, P-"/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(male)_from_the_Jackso_musculus_C57BL/6J_(mal
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0016I12"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="Mus musculus"
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kb range using preparative agarose gel
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative

Laboratory Mouse DNA Resource

Query Match source Local 5393 AAAAAAATACAAAAAAGAAAAA 5414 22 AAAAAAAAAAAAAAAAAAAA 1 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 22) AZ785019 22 bp DNA linear GSS 16-FEB-200 2M0028E04R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0028E04 R, genomic survey sequence. Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers Insert Length: 10000 Std Error: (
Plate: 0028 row: E column: 04
Seq primer: CACACAGGAAACAGCTATGACC Tel: 801 585 5606 Fax: 801 585 7177 University of Utah Genome Center University of Utah Unpublished (2000) Contact: Robert B. plasmid inserts Mus musculus AZ785019 AZ785019.1 GI:12921341 Email: ddunn@genetics.utah.edu Mus musculus (house mouse) Similarity 308, Conservative USA electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells /lab host="B. COli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse_l0kb_plasmid_UUGCIM_library"/note="Vector: pW042nv; Purified_genomic_DNA_from_M.musculus_C57BL/6J_(male) was obtained_from_the_Jackson_musculus_C57BL/6J_(male) Biomedical Polymers Research Bldg., and selected for ampicillin resistance. /mol_type="genomic DNA" /strain="C57BL/6J" /db_xref="taxon:10090" clone="UUGC2M0028E04" sex="Male" organism="Mus musculus" 0.3%; Score 17.2; DB 1; Length 22; 86.4%; Pred. No. 2.1e+02; Weiss Std Error: 0.00 Mismatches 20 S. 2030 B., SLC, GSS 16-FEB-2001 0 S 0

REFERENCE AUTHORS

COMMENT

JOURNAL TITLE SOURCE ORGANISM

ACCESSION VERSION

KEYWORDS

AZ785019/c

RESULT 359 Spoons

DEFINITION

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Matches Best

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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0033 row: A column: 05
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
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2M0033A05F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0033A05 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           308,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      quality sequence stop: 22.
Location/Qualifiers
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                / Jab host="B. Coli strain XL10-Gold, T1-resistant, F-"
//clome_lib="Mouse_10kb_plasmid_UUGCIM_library"
//note="Vector: PMP42nv; Purified_genomic_DNA_from M.
musculus_C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA_Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4_DNA_polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high_molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector_DNA was prepared from a derivative
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of pWD42
                                                                                                                                                                                                                                                                                                                                                                                                   sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                              /db_xref="taxon:10090"
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Mus musculus"
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(gi | 4732114 | gb | AF129072.1),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Polymers Research Bldg., 20 S. 2030 E., SLC,
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a copy-number
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FEATURES

Bource

/organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J"

sex="Male"

clone="UUGC2M0034G12" db_xref="taxon:10090"

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AFT19072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated

/lab host="B. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGC1M library"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jacksor

from the Jackson

inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored more DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

믕 5 Best Loc Matches Query Match Local 5393 AAAAAAATACAAAAAAGAAAAA 5414 19; Similarity ARAAAAAAAAAAAAAAAAAAA Conservative 0.3%; Score 17.2; DB 1; Length 22; Pred. No. 2.1e+02; Mismatches 0

0

RESULT 361

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COMMENT REFERENCE SOURCE VERSION KEYWORDS ACCESSION DEFINITION AZ787606/c POCUS ORGANISM TITLE AUTHORS JOURNAL Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads AZ787606 22 bp DNA linear GSS 16-FEB-200 2M0034G12F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0034G12 F, genomic survey sequence. Email: ddurn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0034 row: G column: 12 Seq primer: CGTTGTAAAACGACGGCCAGT University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22) AZ787606.1 GI:12926565 GSS. Class: plasmid ends High quality sequence stop: 22. Tel: 801 585 5606 Fax: 801 585 7177 plasmid inserts Unpublished (2000) Mus musculus Contact: Robert B. Mus musculus (house mouse) USA ocation/Qualifiers Weiss Std Error: 0.00 20 2030 GSS 16-FEB-2001 SLC,

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AZ792704/c
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Insert Length: 10000 Std Error:
Plate: 0045 row: A column: 24
Seg primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 22)
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AZ792704.1 GI:12936911
GSS.
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2M0045A24F Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC2M0045A24 F, genomic survey sequence.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purfied and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWH42 (gi 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0045A24"
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Pred. No. 2.1e+02;
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AZ810674/c
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0076 row: E column: 1:
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWB42 (gi 4732114 |gb |AT13072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                                           /lab host="8. Coli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:10090"
/clone="UUGC2M0076E19"
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0; Mismatches
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COMMENT

TITLE

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Query Match Best Local Similarity

0.3%;

Score 17.2; DB 1; Pred. No. 2.1e+02; Mismatches

Length 22; Indels

<u>.</u> Gaps

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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Matches

Conservative

0:

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JOURNAL COMMENT
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AZ820439/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0092 row: K column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22
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Mouse whole genome scaffolding with paired end reads from 10kb
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Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 22)
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Location/Qualifiers
           /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /db_xref="taxon:10090"
/clone="UUGC2M0092K13"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   sex="Male"
and
  transformed
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ACCESSION
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AZ841661
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Best Local Similarity
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2M0139118R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0139118 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0139 row: I column: 18
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia;
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                   Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
ourified. inc --- DNA, an adaptored vector DNA, an
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clone_lib="Mouse 10kb plasmid UUGCIM library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     mol_type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      clone="UUGC2M0139I18"
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Pred. No. 2.1e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Craniata; Vertebrata; Euteleostomi;
Sciurognathi; Muridae; Murinae; Mus.
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VERSION KEYWORDS

ACCESSION DEFINITION AZ843514/c RESULT 366

SOURCE

ORGANISM

Mus musculus

REFERENCE

AUTHORS

COMMENT

308,

JOURNAL TITLE 밁 ঠ

Query Match Best Local :

Similarity

and

Length Indels

22

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GSS 27-APR-2001

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5393 AAAAAAATACAAAAAAGAAAAA 5414
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Insert Length: 10000 Indun: 24
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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AZ843514.1 GI:13013422
GSS.
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2M0142I24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0142I24 F, genomic survey seconomo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mouse whole genome scaffolding with paired end reads from 10kb
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Location/Qualifiers
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                                                                                 Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/)...The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymeleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess: The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMR42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector NAB.
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          musculus C57BL/6J (male) was obtained
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone="UUGC2M0142124"
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AZ946102
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Best Local Similarity
Matches 19; Conserv
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus
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AZ946102
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Location/Qualifiers
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Insert Length: 10000 Std Error: (
Plate: 0207 row: D column: 13
Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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                              Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF329072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="genomic DNA"
/strain="C57BL/6J"
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Pred. No. 2.1e+02;
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RESULT 369
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                                                                                       SOURCE
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Best Local Similarity
Matches 19; Conserv
  AUTHORS
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                                                                                                                              TA329F10P 2
T. brucei sheared genomic D
genomic survey sequence.
AL492691
AL492691.1 GI:11868830
GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTRt 10.1) was mechanically shear trypanosoma tight size distribution (

4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge (B10 18A, E-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.E., Rajandream, M.A. and Barrell, B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Trypanosoma brucei
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AL464164.1 GI:11834427
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Hall, N., Bowman, S.,
                                                                                       Trypanosoma brucei
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Direct Submission
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                                         Trypanosoma.
                                                             Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
                                                                                                         Trypanosoma brucei
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                    (bases 1 to 22)
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                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /db_xref="taxon:5691"
/clone="131b09"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="TREU927"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="Trypanosoma brucei"
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Lennard, N.J., Doggett, J., Atkin, R.,
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Pred. No. 2.1e+02;
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Pred. No. 2.1e+02;
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4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                   Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
cambridge CB10 1SA, E-mail: barrell@sanger.ac.uk and
nll@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
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Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
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T. brucei sheared genomic genomic survey sequence.
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AL454256.1 GI:11855060
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4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
Email: nelsayed@tigr.org
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Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
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                                                                  Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre
Details of T. brucei sequencing at the Sanger Centre
Location/Qualifiers
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at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
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/mol_type="genomic DNA"
/strain="TREU927"
/db_xref="taxon:5691"
                         organism="Trypanosoma brucei"
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  mol_type="genomic"
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AL497713.1 GI:11873435
GSS.
AG194579.1 GI:45226755 GSS.
Pan troglodytes (chimpar Pan troglodytes
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Details of T. brucei sequencing at the Sanger Centre are available at http://www.panger.ac.uk/Projects/T_brucei/.
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4 kb). The v + 1 method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                Pan troglodytes DNA, clone:
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/strain="TREU927"
/db_xref="taxon:5691"
/clone="380a07"
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/mol_type="genomic DNA"
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/clone="35c12"
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Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
52, Oun-dong, Yuseng-gu, Daejeon 305-333, Korea
(B-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/,
Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
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Unpublished (1999)
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Ottenwaelder, B., Obermaier, B., Mewes, H.W., Gassenhuber, J. and
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Unpublished
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
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                                                                                                                                                                                             Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany.
   Location/Qualifiers
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R.Site 2 : ECOPT
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/clone="DKFZp566N082"
/tissue_type="ktdney"
/dev stage="fetal"
/lab_host="X1-2blue"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Pan troglodytes"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /cell_type="lymphocytes"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     clone="RP43-072N05.TJ"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GI:49682109
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Pred. No. 2.1e+02;
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sapiens cDNA clone
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AL038609
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                                                                                            AUTHORS
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DKFZD566G1446 rl 566 (synonym:
DKFZp566G1446, mRNA sequence.
AL038592
                                                                                                                                                                                                                      AL038609
DKFZp566G0946, mRNA sequence.
                                            EST (Ottenwaelder, et al.)
Unpublished (1999)
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Unpublished (1999)
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1 (bases 1 to 23)
                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 23)
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Location/Qualifiers
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Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany.
                                                                             Wiemann, S
                                                                                        Ottenwaelder, B., Obermaier, B.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone="DKFZp566G1446"

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/dev_stage="fetal"

/dev_stage="fetal"

/lab_host="X1-2blue"

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: NotI; Site_2: SalI"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Homo sapiens"
/mol_type="mRNA"
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Pred. No. 2.2e+02;
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nym: hfkd2) Homo sapiens cDNA clone
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nym: hfkd2) H
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CF300172/c
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CF300172.1
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CF300172
7LEAF--04-H15.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--04-H15, mRNA
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DKFZp566J0646 rl 566 (synonym:
DKFZp566J0646, mRNA sequence.
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
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Unpublished (1999)
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Location/Qualifiers
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/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMPl; Site_1: NotI;
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/lab_host="X1-2blue"
/clome_llb="566 (synonym: hfkd2)"
/note="Vector: pAMP1, Site_1: NotI; Site_2:
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/mol_type="mRNA"
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/clone="DKFZp566J0646"
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86.4%; Pred. No. 2.2e+02;
vative 0; Mismatches 3;
                                                 GI:33671933
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Pred. No. 2.2e+02;
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hfkd2) Homo sapiens cDNA clone
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CF332379
CF332379.1 GI:33812983
BST.
                                                                                                                                                                                                                              Genomics and Genetics Institute, of Bioscience and Bioinformatics, Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 23)

Kim, J. S., Jun, K.M., Cheong, P.J., Kim, M.J., Le Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                         Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CF332379 23 bp mRNA linear EST 18-AUG-2003
NACL--08-N21.gl Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--08-N21, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 23)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
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                                                                                                                                                                                                                                                                                                         Contact: Nahm B.H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
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82 31 330 6193
82 31 321 6355
                                                                                                                                                                                  in, Kyeonggi, Ko
82 31 330 6193
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Location/Qualifiers
                                                                                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /tissue_type="leaf"
/dev_stage="7 days after germination"
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/lab_host="E.coli DH10B"
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/clone_lib="Rice_leaf_plasmid_cDNA_library_II_(7LBAF)"
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/mrn_p_logoribonucleotides and then used as templates for
                                           /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"_
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,mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="7LEAP--04-H15"
/db_xref="taxon:39947"
/clone="NACL--08-N21"
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Pred. No. 2.2e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     bhnahm@bio.myongji.ac
                                                                                                                                                          bhnahm@bio.myongji.ac.kr
                                                                                                                                                                                                                                                        GreenGene Biotech Inc.; Division
, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                             Kim, M.J., Lee, T.H.,
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AUTHORS
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ORGANISM
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VERSION
KEYWORDS
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AZ425710
LOCUS
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0205 row: L column: 23
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ende
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 22 TAAAAAAAAAAAAAAAAA 1
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1M0205L23R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0205L23 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 23)
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Location/Qualifiers
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4733114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
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/clone lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
                                                                                                                                                                                                                                                                                         /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PW927ny; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Biomedical Polymers Research
                                                                                                                                                                                                                                                                                                                                                                 /sex="Male"
/lab_host="
                                                                                                                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                clone="UUGC1M0205L23"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
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Pred. No. 2.2e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends High quality sequence stop: 23.
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Mus musculus (house mons
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1M0244E15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0244E15 F, genomic survey sequence
AZ447220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0244 row: E column: 15
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Fax: 801 585 7177
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Contact: Robert B. Weiss
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igh quality sequence stop: 23.
Location/Qualifiers
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adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
                                                                                                                                                            (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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                                                                                                                                                                                                                                                                                                                                                             musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                    Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone="UUGC1M0244E15"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
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Pred. No. 2.2e+02;
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SOURCE
ORGANISM
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AZ801003
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; I
(bases 1 to 23)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ801003 23 bp DNA linear GSS 16-FEB-200 2M0059J16F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0059J16 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         High quality sequence stop: 23.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0059 row: J column: 16
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AZ801003.1 GI:12953326
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ass: plasmid ends
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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi 4732114 19g) AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                          /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="UUGC2M0059J16"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Std Error:
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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RESULT 382
AZ973926/c
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606
Fax: 801 585 7177
Fax: 801 S85 7177
Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Brroi
Plate: 0248 row: N column: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacro, S., Mahmoud, M., Meenen, E., Pedereen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2M0248N15F Mouse 10kb plasmid UUGC2M library Mus musculus clone UUGC2M0248N15 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ass: plasmid ends
gh quality sequence stop: 23.
/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Yector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. coli strain XL10-Gold, T1-resistant, P-"
                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                 clone="UUGC2M0248N15"
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                                                                                                                                                                                                                                                                                                                    JBLE"B. coli strain XLIV-CVA., 11b="Mouse 10kb plasmid UUGC2M library"

"Vector: PWD42nv; Purified genomic DNA from M.
"Vector: PWD42nv; Purified genomic from the Jackson
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Pred. No. 2.2e+02;
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VERSION
KBYWORDS
                                                                                                                                                                                                    RESULT 384
CA853764/c
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TA55C06P
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FEATURES

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KEYWORDS ACCESSION

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Query Match
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EST.
Glycine max (soybean)
Glycine max
Bukaryota; Viridiplant
                                                                                         CA853764 24 bg
B12A03.seq cDNA Peking library
B12A03 5', mRNA sequence.
CA853764
CA853764.1 GI:33390569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared to give a tight size distribution (
4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 18A, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Hall,N., Bowman,S., Lennard,N.J., Doggett,J., Atkin,R., Chillingworth,C., Ormond,D., Harris,B., El-Sayed,N., Hou,L., Melville,S.E., Rajandream,M.A. and Barrell,B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Trypanosoma brucei
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AL455778
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ilarity 86.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:5691"
/clone="55c06"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="genomic DNA"
/strain="TREU927"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               organism="Trypanosoma brucei"
      Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
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86.4%; Pred. No. 2.2e+02;
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Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABF--07-P12.g1 ABF3-overexpressing transgenic rice plasmid library (ABF) Oryza sativa (japonica cultivar-group) cDNA c ABF--07-P12, mRNA sequence. CF312319.1 GI:33684080 EST.
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Alkharouf, N.W., Khan, R. and Matthews, B.F.
Analysis of expressed sequence tags from roots of resistant soybean infected by the soybean cyst nematode
Unpublished (2002)
                                                                                                                                                                                                                                                                                      1 (bases 1 to 24)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Soybean Genomics and Improvement Laboratory (SGIL) US Department of Agriculture (USDA), ARS, PSI Bldg.006, Rm 118, 10300 Baltimore Ave., Beltsville
                                                                                                                                                                              Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                                                                                                                                                                            of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                        Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: alkharon@ba.ars.usda.gov.
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                                                                                                                                    bhnahm@ggbio.com, bhn
Location/Qualifiers
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/clone lib="CDNA Peking library 12hr SCN3*
/cotone="Vector: pBluescript SK-; cDNA clones from mRNA extracted from roots of soybean cv. Peking 12 hrs after infection by SCN race 3. These are cloned in pBluescript SK- phagemid. "
                       /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
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/clone="B12A03"
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/clone="ABF--07-P12"
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86.4%; Pred. No. 2.3e+02;
ative 0; Mismatches 3
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                                                                                                                                                                                                                            Korea
                                                                                                                                                         bhnahm@bio.myongji.ac.kr
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RESULT 386
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Local Similarity 86.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Brror: 0.
Plate: 0019 row: J column: 01
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 24.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Chokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from Mouse whole genome scaffolding with paired
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ781101 24 bp DNA linear GSS 16-FEB-2001
2M0019J01F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0019J01 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 24)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     308,
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                                 /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pW142nv; purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"
                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0019J01"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     dev_stage="14 days after germination"
lab_host="E.coli DH10B"
                                                                                                                                                                                                                                                                                                               sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GI:12913455
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Pred. No. 2.3e+02;
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                    molar excess.
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AUTHORS
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AZ812579
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KEYWORDS
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Best Local Similarity
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Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Seg primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends High quality sequence stop: 24.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0079 row: A column: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (bases 1 to 24)
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GSS.
Mus musculus (house mouse)
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.05 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel
                                                                                                                                                                                                                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6U (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="genomic DNA"
/strain="C57BL/6J"
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'clone="UUGC2M0079A23"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   organism="Mus musculus"
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                                                                                                                                                                                                                                                                                                                                                       sex="Male"
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Pred. No. 2.3e+02;
0; Mismatches 3;
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FEATURES

COMMENT

SOURCE

RESULT 389 AL587602/c

DEFINITION

AL587602 23 bp mRNA AL587602 BP Chicken Brain Library Gallus ROS059708, mRNA sequence.

gallus cDNA

linear

EST 02-MAR-2001 A clone

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REFERENCE
AUTHORS
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VERSION
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CF296213/c
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DEFINITION
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Best Local S
Matches 19
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JOURNAL
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Best Local Similarity
Matches 18; Conserv
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                              5393 AAAAAAATACAAAAAAGAAA 5412
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Oryza sativa (japonica cultivar-group)
Rukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 21)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CF296213
21 bp mRNA linear EST 14-AUG-2003
30DGS--06-H19.b1 Rice leaf plasmid cDNA library I (30DGS) Oryza
sativa (japonica cultivar-group) cDNA clone 30DGS--06-H19, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                19;
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Large-scale Sequencing Analysis Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Nahm B.H.
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                                                                                                                                                                                 /mol_type="miNA"
/culTivar="Nackdong"
/culTivar="Nackdong"
/db xref="taxon:39947"
/clone="30DGS-06-H19"
/tissue_type="leaf"
/dev stage="30 days after germination"
/lab_host="E.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library I (30DGS)"
/note="Wector: pCR4-70PO; Site_1: EcoRI; mENA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
                                                                                        0.3%;
ilarity 90.0%;
Conservative (
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil473214 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into Chemically-competent B. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza sativa
/mol_type="mRNA"
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                                                                                                                  Score 16.8; DB 1;
Pred. No. 2.2e+02;
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AUTHORS
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Best Local Similarity
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                                                                                                                                                                      TITLE
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                                                                                                                                          1 (bases 1 to 23)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermattophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoidae; Oryzeae; Oryza.
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Tel: +44 (0)131 527 4200
Fex: +44 (0)131 440 0434
Email: frazer.murray@bbsrc.ac.uk
GCGCCCGCTTTTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
                   Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeenggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                           sequence.
CF297907
CF297907.1 GI:33669668
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Dept. Genomics and Bioinformatics
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
1 (bases 1 to 23)
                                                                                                                                                                                                                                                                                                                                                              EST.
                                                                                                                                                                                                                                                                                                                                                                                                                                       sativa (japonica
                                                                                                                                                                                                                                                                                                                                                                                                                                                               7LEAF--01-B05.b1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Roslin Institute
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Seq primer: M13F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     BP Chicken Brain Library
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  bhnahm@ggbio.com,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    gallus (chicken)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /tissue_type="Brain"
/dev_stage="Unknown"
/lab_host="Unknown"
/clone_lib="BP Chicken Brain Library"
/clone_spectron: psporti; Site 1: Not1; Site 2: Sal1; Cloned unidirectionally. Primer: Oligo dt. 5' adaptor sequence:
5' TCGACCTCGAG 3'; 3' adaptor sequence: 5'
GCGGCCGCTTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from
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b_xref="taxon:9031"
lone="ROS059F08"
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Pred. No. 2.4e+02;
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bhnahm@bio.myongji.ac.kr
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JOURNAL
Query Match 0.3%; Score 16.6; DB 1; Length 23; Best Local Similarity 82.6%; Pred. No. 2.6e+02; Matches 19; Conservative 0; Mismatches 4; Indels
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19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Location/Qualifiers
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/db_xref="taxon:39947"
/clone="7LBAF--01-B05"
/tissue_type_"leaf"
/dev_stage="7 days after germination"
/dev_stage="7 days after germination
                                                                                                                                                /dev_stage="14 days after germination"
/lab_host="S.COli DHIOB"
/clone lib="ALCM1-overexpressing transgenic rice plasmid
cDNA library (JMT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA
was reverse transcribed and then used for PCR. mRNA was
pepared from Arabidopsis Jasmoinate Carboxyl
methyltransferase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:3947"
/clome="JMT-03-D17"
/tissue_type="leaf"
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 2.6e+02;
0; Mismatches 4;
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Best Local Similarity
Matches 19; Conserv
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brrc
Plate: 0315 row: M column: 14
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High quality sequence stop: 23.
Location/Qualifiers
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 23)
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AZ486853.1 GI:10654033
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seq primer: CACACAGGAAACAGCTATGACC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                    Conservative
                                                                                                                                                                                           (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNB42 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="8. Coli strain XL10-Gold, T1-resistant, P-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pW042nv, Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, UT
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/strain="C57BL/6J"
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                                                                                                                          82.6%;
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                                                                                               Score 16.6; DB 1; Length 23; Pred. No. 2.6e+02; J; Mismatches 4; Indels
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AZ627841/c
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Best Local
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5393 AAAAAAATACAAAAAAGAAAAAA 5415
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0474 row: E column: 01
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 23)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Location/Qualifiers
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                                                                           Similarity
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                                                                                                                                           /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                           0.3%;
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                                                                              Pred. No.
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                                                Mismatches
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AZ645254/c
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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb placed whole genome scaffolding with paired end reads from 10kb placed in the control of the control 
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Class: plasmid ends
High quality sequence stop: 23.
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Insert Length: 10000 Std Error: (
Plate: 0510 row: O column: 05
Seg primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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AZ645254.1 GI:11774572
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                                                                                                                                                                                                                                                                                             was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNPA2 (gi|4732114 jpb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                      Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           clone="UUGC1M0510005"
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                       selected for ampicillin resistance.
                                                                                                                                          0.3%;
                                                                                                                                          Score 16.6;
Pred. No. 2.
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                                                  841 TCTCCCAGCCAACCCACCTCCAC 863
23
                                                                                                 19;
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Insert Length: 10000 Std Error: 0.00
Plate: 0244 row: B column: 01
Seq primer: CGTTGTAAAACGACGGCCAGT
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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2M0244E01F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0244E01 F, genomic survey sequence.
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Fax: 801 585 7177
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                                                                                                                                                                                                                      Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114 [gb|AF129072.1], a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_libe_"Mouse_10kb_plasmid_UUGC2M_library"
/note="Vector: PWD42nv; Purified_genomic_DNA from M.
musculus C57BL/6J (female) was obtained_from the Jackson
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                                                                                                                            82.6%;
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                                                                                                                            Pred. No.
                                                                                                                                                 Score 16.6; DB 1;
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Matches 19; Conserv
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CL693171
CL693171.1 GI:50215079
GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pax: 00497071601498
Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech, Pasadena, USA and end
sequenced at Vancouver, Canada.
Seq primer: T7
Class: fosmid ends.
                                                                                        plasmid inserts
Unpublished (2000)
Contact: Robert B.
                                                                                                                                                  Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                     Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Eutaleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 19)
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AZ489586.1 GI:10659481
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AppaDB: an AcedB database for the nematode satellite organism Pristionchus pacificus
Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pristionchus pacificus
Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.
1 (bases 1 to 23)
                                                 University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                             iM0322C12F Mouse 10kb plasmid
clone UUGC1M0322C12 F, genomic
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308,
USA
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                            Biomedical Polymers Research Bldg.,
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/mol_type="genomic DNA"
/strain="California"
/db_xref="taxon:54126"
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                                                                                            Weiss
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Pred. No. 2.6e+02;
0; Mismatches 4
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High quality sequence stop: 19.
Location/Qualifiers
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Insert Length: 10000 Std Error:
Plate: 0322 row: C column: 12
Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                   Similarity
                                                                                                                         Conservative
                                                                                                                                                                                                                                                                   was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was bydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of purified gild 14732114 [gb] AFT29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coil XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                and selected for ampicillin resistance.
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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JOURNAL COMMENT REFERENCE AUTHORS SOURCE ORGANISM ACCESSION VERSION KEYWORDS RESULT 398 AZ983014/c DEFINITION Spoon Matches Query Match Best Local (TITLE Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse, whole genome scaffolding with paired end reads from 10kb AZ983014 19 bp DNA linear GSS 27-APR-200200264H02F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0264H02 F, genomic survey sequence. University of Utah Genome Center University of Utah Contact: Robert B. plasmid inserts Unpublished (2000) Mus musculus AZ983014 84112, Mus musculus (house mouse) AZ983014.1 GI:13854241 308, USA Biomedical Polymers Research Bldg., Weiss 20 Ġ 2030 GSS 27-APR-2001 , H SLC, S 0

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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                              TITLE
                                                                                                                                                                                                                                                                                                                                                                                           AUTHORS
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Location/Qualifiers
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                         University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                   Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus (bases 1 to 23)
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AZ333204.1 GI:10397591
GSS.
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clone UUGC1M0062J11 F, genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus
                            Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                               Contact: Robert B. Weiss
                                                                                                                                                                                                                                               plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gil 4732114 [gb] AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to chemically-competent B. coli XL10-Cold (Stratagene) cells and solocted for amortillin resistance.
                                                                                                                                                                                                                     lished (2000)
ddunn@genetics.utah.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ddunn@genetics.utah.edu
Length: 10000 Std Error: 0.00
                                                                                     USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  clone="UUGC2M0264H02"
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                                                                                                            Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       genomic survey sequence.
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AJ658282
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Best Local Similarity
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                                                                                                                                                                                                                                                                                        Rukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Cetartiodactyla; Suina; Suidae; Sus.

1 (bases 1 to 21)
Anderson, S.I., Finlayson, H.A. and Archibald, A.L.
Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle
Unpublished (2004)
Contact: Anderson SI
Genomics and Bioinformatics
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Roslin Institute
Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred
Single pass sequencing. Bases called and trimmed with phred
v0.020425.c. Vector identified by cross match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(SK+) R. Site1: EcoRI
R. Site2: NotI 5' Seq Primer M13F Normalised library constructed
from pooled early embryos, from 8- cell stage to blastocysts.
Clones available from UK Centre for Functional Genomics in Farm
Animals, Roslin Institite, Roslin, Midlothian, UK, EH25 9PS,
www.arkgenomics.org.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EST.
Sus scrofa (pig)
Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AJ658282
AJ658282 KN277 Sus scrofa cDNA clone C0005212_D02,
AJ658282
AJ658282.1 GI:49342351
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
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FEATURES

Location/Qualifiers

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RESULT 402
AL048777
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AUTHORS
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AJ666203
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Best Local S
Matches 18
                                                                                                                                                     Matches
                                                                                                                                                                     Query Match
Best Local Similarity
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                                                                                                                 5393 АЛАЛАЛАТАСАЛАЛАДАЛАД 5413
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                                                                                                                                                                                                                                                                                                                                                                                                 Roslin Institute

Roslin, Midlochian, EH25 9PS, UNITED KINGDOM

Single pass sequencing. Bases called and trimmed with phred

vo.02042S.c. Vector identified by cross match with the -minscore 20

and -minmatch 12 options. Vector:pBlueScriptII(KS+) R. Site 1:

ECORI R. Site 2: NotI Description: Normallied library constructed
from pooled tissue from day 30 placentas. Clones available from UK

Centre for Functional Genomics in Farm Animals, Roslin Institite,
Roslin, Midlochian, UK, EH25 9PS, www.arkgenomics.org.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Anderson, S.I., Finlayson, H.A. and Archibald, A.L.
Development of cDNA and RST resources for studying reproduction and embryo development in pigs and cattle
Unpublished (2004)
Contact: Anderson SI
Genomics and Bioinformatics
AL048777
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AJ666203
AJ666203.1 GI:49350654
EST.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sue scrofa (pig)
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                                                                                                                                                     Conservative
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                                                                                                                                                                                                               /organism="Sus scrofa"
/mol_type="mANA"
/mol_type="mANA"
/db_xrefa"thaxon: 9823"
/clone="C0000033 C15"
/tissue_type="placenta"
/clone="C5EQRAN09"
/clone="Ib="C5EQRAN09"
/note="Vector: pBlueScriptII(KS+); Site_1: EcoRI; Site_2:
NotI; Single pass sequencing. Normalised library
constructed from pooled tissue from day 30 placentas."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone_Tib="KN277"
/note="Vector: pBlueScriptII(SK+); Site_1: EcoRI; Site_2:
NotI; Single pass sequencing. Normalised library
constructed from pooled early embryos, from 8-cell stage
to blastocysts."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone="C0005212 D02"
/tissue type="embryo"
/clone lib="KN277"
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/mol_type="mRNA"
/db_xref="taxon:9823"
                                                                                                                                                                                                                                                                                                                                                                                          ocation/Qualifiers
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85.7%;
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Pred. No. 2.
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mRNA
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linear
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Sus.
EST 04-SEP-2003
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CF282216
LOCUS
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AUTHORS
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5393 AAAAAAATACAAAAAAGAAAA 5413
                                                                                                                                                                                                                                                           Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Pax: 82 31 321 6355
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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1 (bases 1 to 21)

Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and Wiemann, S. EST (Koehrer, et al.)

Unpublished (1999)

Contact: MIPS
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Losong,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CF282216 21 bp mRNA linear EST 14-AUG-20
14ETL--09-K01.g1 Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--09-K01,
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AL048777.1 GI:4727848
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Location/Qualifiers
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                                                                                                                                                                                                                        bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                    /organism="Oryza sativa (
/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="14ETL-_09-K01"
/tissue_type="leaf"
/dev_stage="14 days after
/lab_host="E.coli DH10B"
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/clone="DKFZp566N053"
/clone="bKFZp566N053"
/clone="fetal"
/lab host="x1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not1; Site_2: SalI"
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/mol_type="mRNA"
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Pred. No. 2.6e
0; Mismatches
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  sequence.
CF295642
CF295642.1
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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21 bp mRNA linear 30DGS--05-K20.gl Rice leaf plasmid cDNA library I satura (japonica cultivar-group) cDNA clone 30DGS--
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CF292703.1 GI:33661736
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                       /dev_stage="30 days after germination"
/lab_host="S.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library I (30DGS)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capp
with Oligoribonucleotides and then used as templates 1
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(14ETL)"
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/tissue_type="leaf"
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| ml_type="mRNA"
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Pred. No. 2.6e+02
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                                                                                                                                                                                                                                                                                                          Score 16.2;
Pred. No. 2.
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.6e+02;
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SOURCE
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Best Local Similarity
Matches 18; Conserv
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1 (bases 1 to 21)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTS
Unpublished (2003)

Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   21
                                                                                                                                                                     Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza Bativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Em
Spermatophyta, Magnoliophyta, Liliopsida,
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                          Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF297615
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
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                                                                                                                                                                                                                                                                                                                                                     Ehrhartoideae;
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/mol_type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="30DGS-05-K20"
/tissue_type="leaf"
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/clone lib="Rice leaf plasmid cDNA library I (30DGS)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capp
with oligoribonucleotides and then used as templates f
RT-PCR."
organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                  Location/Qualifiers
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Pred. No. 2.6e
0; Mismatches
                                                                                                     bhnahm@bio.myongji.ac.
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                                          (japonica cultivar-group)"
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Shin, Y.C.,

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Query Match
Best Local Similarity
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Sukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaae; Oryza.

1 (bases 1 to 21)
Kim, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
CF300809 21 bp mRNA linear TLEAF--05-G20.bl Rice leaf plasmid cDNA library II
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeenggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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7LEAF--01-K14.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--01-K14, mRNA
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llarity 85.7%;
Conservative (
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Location/Qualifiers
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/tissue_type="leaf"
/dev_stage="30 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="Rice leaf plasmid cDNA library I (30DGS)"
/clone_wivector: pCR4-TOPO; Site_1: BCORI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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/tissue_type="leaf"
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/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 2.6e+02;
                                                                                                                                                                                                                                                                        Score 16.2; DB 1;
Pred. No. 2.6e+02;
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COMMENT
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VERSION
KEYWORDS
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CF312715
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AUTHORS
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VERSION
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Contact: Nahm B.H.
Genomics and Genetics Institute, Greengene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeenggi, Korea
Tel: 82 31 330 6193
Teax: 82 31 321 6355
Email: bhnahm@gjblo.com, bhnahm@blo.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CP312715 21 bp mRNA linear EST 15-AUG-7ABF--08-J10.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone ABF--08-J10, mRNA sequence.
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnollophyta, Liliopsida, Poales, Poaceae;
Ehrhartoideae, Oryzeae; Oryza.
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeenggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Kim,J.K., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Song,S.I., Kim,J.K., kim,Y.-K. and Rice ESTB
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Oryza sativa (japonica cultivar-group)
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                                                                                                                                                                                                                                                                                                                      Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoldeae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: bhnahm@ggbio.com, bhna
Location/Qualifiers
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EST.
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/cultivar="nackdong"
/cultivar="nackdong"
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/clone_lib="Rice_leaf_plasmid_cDNA_library_II_(7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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AUTHORS

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ACCESSION VERSION KEYWORDS

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CF316073/c
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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  l Similarity
18; Conserv
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CF316073 21 bp mRNA linear FHD--05-D16.b1 OsHDAC1-overexpressing transgenic rice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Similarity
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    Conservative
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /dev_stage="14 days after germination"
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/clone lib="ABF3-overexpressing transgenic rice plasmid /clone lib="ABF3-overexpressing transgenic rice plasmid /clone | Totage | Totage |
/note="Vector: pCR4-TOP0, Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
                                                                                                     note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20m) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                       /clone lib="OsHDAC1-overexpressing transgenic rice plasmid
cDNA library (HD)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="ABF--08-J10"
                                                                                                                                                                                                                                /dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
                                                                                                                                                                                                                                                                                                                                     /mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                                                                                                                                                                                                                            /db_xref="taxon:39947"
/clone="HD--05-D16"
                                                                                                                                                                                                                                                                                                                                                                            organism="Oryza sativa
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                   0.3%;
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Score 16.2; D
Pred. No. 2.6e
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Pred. No. 2.6e+02;
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                       .6e+02
                                           DB 1;
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ORGANISM
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CF327391
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CF326952/c
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Best Local Similarity
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice EST Unpublished (2003)
                                                              Oryza sativa (japonica cultivar-group) Oryza sativa (japonica cultivar-group) Oryza sativa (japonica cultivar-group) Eukaryota; Viridiplantae; Streptophyta; Engermatophyta; Magnoliophyta; Liliopsida; Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                 CF327391 21 bp mRNA linear EST 18-AUG NACL--01-N18.g1 Rice callus plasmid cDNA library (NACL) Oryza sativa (japonica cultivar-group) cDNA clone NACL--01-N18, mRNA
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
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  Kim,J.S., Jun,K.M., Cheong,P.J.,
Song,S.I., Kim,J.K., Kim,Y.-K. ax
                                                                                                                                                                      EST.
                                                                                                                                                                                         CF327391
CF327391.1 GI:33803041
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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                                         (bases 1 to 21)
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Oryza sativa (
/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxxon:39947"
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/tissue_type="callus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /dev_stage="proliferated callus on 2N6 media for 30 c/lab_host="E.coli DH10B"
/clone lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was cap with oligoribonucleotides and then used as templates RT-PCR."
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Pred. No. 2.
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s of Rice ESTs
    and Nahm, B.
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                                                                                        Embryophyta; Tracheophyta;
a; Poales; Poaceae;
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                         Lee, T.H.,
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Best Local Similarity
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CF332956.1 GI:33814150
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                         Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiklantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                     Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Nahm B.H.
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                                                                                                                                                                                                                                                                   bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /clone_lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonuclectides and then used as templates for
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mol type="mRNA"

cultivar="Nackdong"

/db xref="texon:39947"

/clone="NACL--01-N18"

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/dev stage="proliferated callus on 2N6 media for 30 days"

/lab_host="E.coli DH108"
                                        CDNA library (JMT) "
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                                                                                                                       /tissue_type="leaf"
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Pred. No. 2.6e+02;
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CF338522/c
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REFERENCE
AUTHORS
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CF338057
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, Myongdi University
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                       Similarity
AAAAAAAAAAAAAAAAA 21
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                                                                                                                                                                                                                                                                                                                                                                                                                      bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                        /tissue_type="leaf"
/dev stage="14 days after germination"
/dev stage="14 days after germination"
/lab_nost="E.coli DH10B"
/clone lib="AtJMT-overexpressing transgenic rice plasmid cDNA library (JWT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl
                                                                                                                                             methyltransferase
                                                                                                                                                                                                                                                                                                             /cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="JMT--08-M03"
                                                                                                                                                                                                                                                                                                                                                                 mol_type="mRNA'
                                                                                                                                                                                                                                                                                                                                                                                  organism="Oryza sativa (japonica cultivar-group)"
                                                                                     0.3%;
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Pred. No. 2.
                                                                                     Score 16.2; DB 1;
Pred. No. 2.6e+02;
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RCLI--01-P04.gl Regenerated callus lambda phage cDNA library (R Oryza sativa (japonica cultivar-group) cDNA clone RCL1--01-P04, RRNA sequence.
CF338522
CF338522.1 GI:33825432
EST.

EST 18-AUG-2003 A library (RCL1)

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REFERENCE
AUTHORS
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F., Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J., Hamdi, S., Romieu, C. and Terrier, N. Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CN546489
21 bp mRNA linear EST 30-APR-2004
EST 18633 Ripe Grape Berry Lambda Triplex2 Library Vitis vinifera
cDNA clone B3CS57RB007E11 3', mRNA sequence.
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Contact: Nahm B.H.

Genomics and Genetics Institute, Greendene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., L. Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                  Vitis vinifera
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
                                                                                                                                Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
Email: g.hamdi@bordeaux.inra.fr
                      Tel: 00-33-(0)5-57-12-25-50 Fax: 00-33-(0)5-57-12-25-48
                                                                                             Agronomique
71, Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="Vector: pBluescript SK(+); Site_1: StI; Site_2: XhoI; cDNA was inserted into lamda Uni-ZAP XR vector at 5' end with StI and 3' end with XhoI site. Callus was induced on 2N6 media for 30 days and cultured for 36hrs on
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              regenerated media*
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/clone="RCL1--01-P04"
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/mol_type="mRNA"
/cultivar="Nackdong"
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lab_host="E.coli SOLR"
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Pred. No. 2.6e+02;
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                                                                                             BP 81, 33883 Villenave D'Ornon Cedex,
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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EST 18648 Ripe Grape Berry Lambda Triplex2 L
cDNA clone B3CS57RB007G04 3', mRNA sequence.
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Fax: 00-33-(0)5-57-12-25-48
Email: s.hamdi@bordeaux.inra.
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Vitis vinifera
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Universite de Bordeaux I,
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                                                                                                                                       /dev stage="ripe stage"
/clone lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
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/clome lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                   /organism="Vitis vinifera"
|mol type="mRNA"
|cultivar="Cabernet Sauvignon"
|db xref="taxon:29760"
|clone="B3CS57RB007G04"
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/cultivar="Cabernet Sauvignon"
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Pred. No. 2.
                                                                                       Score 16.2; DB 1;
Pred. No. 2.6e+02;
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Institut National de la Recherche
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Lambda Triplex2 Library Vitis vinifera
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CN546595/c
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Best Local Similarity
Matches 18; Conserv
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                                                                          1 (bases 1 to 21)
1 (bases 1 to 21)
Habermann,B., Bebin,A.G., Herklotz,S., Volkmer,M., Eckelt,K.,
Habermann,B., Bebin,A.G., Herklotz,S., Volkmer,M., Eckelt,K.,
Pehlke,K., Epperlein,H.H., Schackert,H.K., Wiebe,G. and Tanaka,B.N
An Ambystoma mexicanum EST sequencing project: Analysis of 17,352
An Ambystoma mexicanum extra sequencing project: Analysis of 17,352
                                                                                                                                                                                                                                                                                                                                              CO779794 21 bp mRNA linear EST 05-AUG-2004 BL007D E05 6-Day Axolotl Tail Blastema (6DAxBL) Ambystoma mexicanum cDNA 57 similar to hypothetical protein, mRNA sequence. CO779794 CO779794 GI:50995774
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CN546595 CN546595.1 GI:46911220
EST.
Vitis vinifera
                                             cDNA libraries
Genome Biol. (
                                                                                                                                                                                                                                                                                                                           EST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    France Tel: 00-33-(0)5-57-12-25-50 Fax: 00-33-(0)5-57-12-25-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 21)
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
Unpublished (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Vitis vinifera

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

rosids; Vitaceae; Vitis.
Contact: Blly M. Tanaka
Tanaka Lab
                                                                                                                                                                                                                             Ambystoma mexicanum (axolotl)
Ambystoma mexicanum
Eukaryota, Metazoa; Chordata, Craniata, Vertebrata, Euteleostomi,
Amphibia, Batrachia, Caudata, Salamandroidea, Ambystomatidae,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: s.hamdi@bordeaux.inra.fr
Seq primer: T7.
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71, Avenue I
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/clone_lib="Ripe Grape Berry Lambda Triplex2 Library"
/note="Organ; Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Vitis vinifera"
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                                           (2004) In press
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.3%;
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Pred. No. 2.6e+02;
0; Mismatches 3;
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ORGANISM
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VERSION
KEYWORDS
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AZ317208/c
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Best Local S
Matches 18
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Fax: 0049 351 210 1489
Email: tanaka@mpi-cbg.de
Plate: BL007D row: 05 column: E
Seq primer: GCA CAT TAG GCC TAT TO
Location/Qualifiers
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ317208 21 bp DNA linear GSS 29-SEP-200 1M0035002R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0035002 R, genomic survey sequence.
                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0035 row: J column: 02
                                                                                                                                                                                                                                                                                                                                                           Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                               Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                               plasmid inserts
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AZ317208.1 GI:10365804
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                                                                                                                       quality sequence stop: 21.
Location/Qualifiers
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/cell type="regenerating tail blastema (6DAxBL)"
/clone lib="6-Day Axolot! Tail Blastema (6DAxBL)"
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/normalized cDNA plasmid library prepared by Invitrogen.
Size fractionated mRNA was polydT primed and cloned into
Not1-Sall site of pCMVSport6. Bacterial host is
EMDH10B-TONA. Average insert size is 1.67 kB.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Ambystoma mexicanum"
/mol_type="mRNA"
/db_xref="taxon:8296"
                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                             organism="Mus musculus"
/db_xref="taxon:10090"
/clone="UUGC1M0035J02"
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0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro.
Plate: 0085 row: A column: 13
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University of Utah Genome Center
University of Utah
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GSS.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 21)
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igh quality sequence stop: 21.
Location/Qualifiers
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                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                organism="Mus musculus"
/lab_host="B. Coli strain XL10-Gold, T1-resistant,
                                                         clone="UUGC1M0085A13"
                                                                                             db_xref="taxon:10090"
                                   sex="Male"
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                                                                                                                                                                                                                                                                                                                                                                                                        Std Error: 0.00
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Query Match Best Local Similarity source 5393 АЛАЛАЛАТАСЛАЛАЛАСЛАЛА 5413 AZ350611 21 bp DNA linear GSS 29 1M0088C14F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0088C14 F, genomic survey sequence. Contact: Robert B. Weiss University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 S. Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Federsen, T., Islam, Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0088 row: C column: 14
Seq primer: CGTTGTAAAACGACGGCCAGT plasmid inserts Unpublished (2000) Mouse whole genome scaffolding with paired end reads from 10kb Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 21) Mus musculus Tel: 801 585 5606 Pax: 801 585 7177 Mus musculus (house mouse) AZ350611.1 GI:10429848 lass: plasmid ends
igh quality sequence stop: 21.
Location/Qualifiers AAAAAAAAAAAAAAAAAAAAAAAA 21 Conservative http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWH22 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." USA /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/5J (male) was obtained from the Jackson Laboratory Mouse DNA Resource organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clone_lib="Mouse 10kb plasmid UUGC1M library" 'db_xref="taxon:10090" sex="Male" clone="UUGC1M0088C14" 0.3%; Score 16.2; DB 1; 85.7%; Pred. No. 2.6e+02; tive 0; Mismatches 3; Length 21; 2030 GSS 29-SEP-2000 0; E., SLC, Gaps Ę 0,

VERSION KEYWORDS

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DEFINITION AZ350611 RESULT 422

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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Matches 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 clone UUGC1M0145016 R, (AZ386711 AZ386711.1 GI:10500411 GSS.
                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0145 row: O column: 16
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rockes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R., Bonder, A., and Wright, D., Weise, R., Rockes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R., Rockes, R., Tingey, A., von Nouse whole genome scaffolding with paired end reads from 10kb Nouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Pax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       University of Utah Genome Center University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/lab_host="B. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                       /db_xref="taxon:10090"
/clone="UUGC1M0145016"
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/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                                                                                                 'sex="Male"
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85.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
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AZ386794
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Matches 18
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Onpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                          High quality sequence stop: 21.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                              Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0145 row: O column: 2:
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was by provided by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 bb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clome lib="mouse 10kb plasmid UUGC1M library"
/note="Vector: pWD42Tuv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:1000"
/clone="UUGC1M0145022"
                                                                                                                                                                                                                                                              organism="Mus musculus"
                                                                                                               sex="Male"
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85.7%; Pred. No. 2.6e+02;
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AUTHORS
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AZ389287
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0149 row: A column: 13
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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AZ389287.1 GI:10502995
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Location/Qualifiers
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/lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC1M library. /note="Vector: pW042nv, burified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso)
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                                                                                                                                                                                                          organism="Mus musculus"
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SOURCE VERSION ACCESSION

TITLE

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FEATURES

Laboratory Mouse DNA Resource

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" /db_xref="taxon:10090" /clone="UUGC1M0150B10"

'sex="Male"

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> 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 60.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 0.3%; Score 16.2; DB 1 Pred. No. 2.6e+02 DB 1; Length 21; ρ

RESULT 426 AZ389687 Matches 18; Query Match Best Local Similarity 5393 AAAAAAATACAAAAAAGAAAA 5413 AAAAAAAAAAAAAAAAAA 21 Conservative 0; Mismatches Indels 0 Gaps 0

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SOURCE ORGANISM FEATURES COMMENT REFERENCE DEFINITION ACCESSION KEYWORDS VERSION JOURNAL TITLE AUTHORS source Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. AZ389687 21 bp DNA linear GSS 02-OCT-201 1M0150B10R Mouse 10kb plasmid UUGCIM library Mus musculus genomic Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: (Plate: 0150 row: B column: 10 Seq primer: CACACAGGAAACAGCTATGACC plasmid inserts Unpublished (2000) Mouse whole genome scaffolding with paired end reads from 10kb Mus musculus High quality sequence stop: 21. Tel: 801 585 5606 Fax: 801 585 7177 University of Utah Genome University of Utah Contact: Robert B. Mus musculus (house mouse) AZ389687.1 GI:10503395 clone UUGC1M0150B10 R, genomic survey sequence. ass: plasmid ends 308, USA Biomedical Polymers Research Bldg., ocation/Qualifiers Weiss Std Error: 0.00 Center 20 S. 2030 E., SLC, GSS 02-OCT-2000

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606

Pax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0176 row: E column: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ406936 21 bp DNA linear GSS 03-OCT-200
1M0176E24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone_UUGC1M0176E24 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                             Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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AZ406936.1 GI:10530949
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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                                                                      /lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
                                                 Laboratory Mouse DNA Resource
                                                                                                                                                                                                                           /mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol_type="genomic DNA"
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a
                                                                                                                                                                                                    /clone="UUGC1M0176B24"
                                                                                                                                                                                 'sex="Male"
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85.7%;
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Matches 18; Similarity Conservative 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072:1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." 0.3%; Score 16.2; DB 1; 85.7%; Pred. No. 2.6e+02; Mismatches DB 1; Length 21; Indels 0, Gaps 0

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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REFERENCE
AUTHORS
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AZ412739/c
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1M0186D23F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0186D23 F, genomic survey sequence AZ412739
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0186 row: D column: 23
Seq primer: CGTTGTAAAACGACGGCCAGT
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Pax: 801 585 7177
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igh quality sequence stop: 21.
Location/Qualifiers
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                                                                   /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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(http://www.jax.org/resources/documents/dnares/). The DN
was hydrodynamically sheared by repeated passage through
0.005 inch orifice at constant velocity. The sheared DNA
                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                 'sex="Male"
                                                                                                                                                                                                                        clone="UUGC1M0186D23"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
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Class: plasmid endo
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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AZ412931.1 GI:10536944
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
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                                                                                                                                                                                                                                                                                                                                                                                       /organism="Mus musculus"
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REFERENCE

AUTHORS

SOURCE

ORGANISM

VERSION ACCESSION DEFINITION Pocas AZ412931/c

CEYWORDS

COMMENT

JOURNAL TITLE

COMMENT

JOURNAL TITLE

FEATURES

FEATURES

blunt end-repaired with T4 DNA polymerase and

polynucleotide kinase. Adaptor oligonucleotides

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Matches

RESULT 429

RESULT 43 AZ415029 LOCUS

VERSION ACCESSION KEYWORDS

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SOURCE ORGANISM DEFINITION Matches Query Match Best Local Similarity source 5393 ААЛАЛАТАСААЛАЛАСАЛА 5413 18; 21 Rukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 21)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb 1M0189M07R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0189M07 R, genomic survey sequence. plasmid inserts Unpublished (2000) Mus musculus High quality sequence stop: 21.
Location/Qualifiers Bmail: ddunn@genetics.utah.edu Insert Length: 10000 Std Brror: (Plate: 0189 row: M column: 07 Seq primer: CACACAGGAAACAGCTATGACC University of Utah Genome Center University of Utah AZ415029.1 GI:10539042 AZ415029 Tel: 801 585 5606 Fax: 801 585 7177 Contact: Robert B. Mus musculus (house mouse) AAAAAAAAAAAAAAAAAAA 1 ass: plasmid ends 308, Conservative polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel elettrophoresis. Vector DNA was prepared from a derivative of pub12 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." USA Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC, /mol_type="genomic DNA" /strain="C57BL/6J" clone="UUGC1M0189M07" organism="Mus musculus" 'sex="Male" db xref="taxon:10090" 85.7%; 0.3%; Weiss 0; Mismatches Score 16.2; DB 1; Pred. No. 2.6e+02; Std Error: 0.00 21 bp DNA ω •• Length 21; linear GSS 03-OCT-2000 0 Gaps The DNA Ş 0

REFERENCE

AUTHORS

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Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0276 row: F column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
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AZ465890
AZ465890.1 GI:10624015
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1 (bases 1 to 21)
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The
                                                                                                                                                                                          /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C578L/6J"
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/clone="UUGC1M0276F07"
                                                                                                                                                                 Laboratory Mouse DNA Resource
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Pred. No. 2.6e+02;
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REFERENCE AUTHORS

COMMENT

JOURNAL TITLE

plasmid inserts Unpublished (2000)

Mouse whole genome scaffolding with paired end reads from 10kb

Contact: Robert B.

Weiss

University of Utah Genome Center

84112,

USA

308,

Biomedical Polymers Research Bldg.,

20

. S

2030 E.,

SLC, 9

FEATURES

High quality sequence stop: 21.
Location/Qualifiers

/mol_type="genomic DNA /strain="C57BL/6J" /db_xref="taxon:10090" /organism="Mus musculus" /mol_type="genomic DNA"

/sex="Male"

clone="UUGC1M0436N02"

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C578L/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource

from the Jackson

ass: plasmid ends

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0

Plate: 0436 row: N column: 02

Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends

Std Error: 0.00

source

SOURCE ORGANISM

ACCESSION VERSION

KEYWORDS

RESULT 432 AZ611116

DEFINITION

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Matches

COMMENT

TITLE

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Query Match
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                      Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 21)
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None: Whole genome scaffolding with paired end reads from 10kb
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Insert Length: 10000 Std Erro
Plate: 0437 row: E column: 1:
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 21)
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Location/Qualifiers
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                                                                                                                                                                                                                                     /lab host="B. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.musculus_C57BL/6J (male) was obtained_from_the_Jackson
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Pred. No. 2.6e+02;
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UUGC1M library Mus musculus genomic
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COMMENT

TITLE

FEATURES

FEATURES

kb range using preparative agarose gel

a derivative

SOURCE ORGANISM ACCESSION VERSION KEYWORDS RESULT 434 AZ615628/c REFERENCE DEFINITION Best Loca Matches JOURNAL AUTHORS Query Match source Local Similarity 5393 AAAAAAATACAAAAAAGAAAA 5413 18; AZ615628 21 bp DNA linear GSS 13-DEC-200 1M0444M19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0444M19 R, genomic survey sequence. Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: (Plate: 0444 row: M column: 19 Seq primer: CACACAGGAAACAGCTATGACC Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welss, R. Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21) Mus musculus (house mouse) AZ615628.1 GI:11737734 GSS. University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., Unpublished (2000) Contact: Robert B. Mouse whole genome scaffolding with paired end reads from 10kb High quality sequence stop: 21. Tel: 801 585 5606 Fax: 801 585 7177 plasmid inserts 84112, AAAAAAAAAAAAAAAAAAA 21 Conservative plasmid ends USA electrophoresis. Vector DNA was prepared from a derivative of pWDA2 (gi[473214]gb[AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative /lab_host="E. Coli strain XL10-Cold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" aboratory Mouse DNA Resource ocation/Qualifiers sex="Male clone="UUGC1M0444M19" db_xref="taxon:10090" 85.7%; 0.3%; Weiss <u>.</u> Score 16.2; DB 1; Pred. No. 2.6e+02; Std Error: 0.00 Mismatches Indels 20 S 2030 GSS 13-DEC-2000 0; Gaps SLC, S 0;

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SOURCE
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AZ627843/c
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Email: ddunn@genetics.utah.edu
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Insert Length: 10000 Std Error: Plate: 0474 row: H column: 03 Seq primer: CGTTCTAAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Location/Qualifiers
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Unpublished (2000)
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone="UUGC1M0474H03"
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Pred. No. 2.6e+02;
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COMMENT

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FEATURES

inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the innert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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JOURNAL COMMENT
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AUTHORS
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AZ627845/c
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High quality sequence stop: 21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0474 row: G column: 11
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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21 bp DNA linear GSS 13-DEC-200
1M0474G11F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0474G11 F, genomic survey sequence.
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Fax: 801 585 7177
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10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|473214|gb|AFR129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated
                                                                                           (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymicleotide kinase. Adaptor oligomicleotides were ligated to the blunt ends in high molar excess. The light of DNA was purified and size-selected for a 9.5 to adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                 /lab host="B. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                 aboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone="UUGC1M0474G11"
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Pred. No. 2.6e+02;
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.
Plate: 0534 row: B Column: 07
Seq primer: CGTTCTAAAACGACGGCCAGT
Class: plasmid ends
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWH42 (gi 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
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                                                                                                                                                                                                                                                                                                                           Laboratory Mouse DNA Resource
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/clone="UUGC1M0534B07"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
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Pred. No. 2.6e+02;
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SOURCE ORGANISM RESULT 438 AZ766552 LOCUS Query Match Best Local Similarity source 5393 AAAAAAATACAAAAAAGAAAA 5413 18; Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacze, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rokes, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Waiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah AZ766552 21 bp DNA linear GSS 16-FEB-201 1M0564011F Mouse 10kb plasmid UUGCIM library Mus musculus genomic Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0564 row: O column: 11 Seq primer: CGTTGTAAAACGACGGCCAGT plasmid inserts Unpublished (2000) Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 21) Tel: 801 585 5606 Fax: 801 585 7177 Mus musculus (house mouse) clone UUGC1M0564011 F, genomic survey sequence. AZ766552.1 GI:12883741 AANAAAAAAAAAAAAAAA 21 308, Conservative was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to USA Biomedical Polymers Research Bldg., purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance." /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGC1M library"/note="Vector: PWD42nv; Purified genomic DNA from M.musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource /mol_type="genomic DNA" /strain="C57BL/6J" clone="UUGC1M0564011" organism="Mus musculus" sex="Male 'db_xref="taxon:10090" 0.3%; <u>..</u> Score 16.2; Pred. No. 2. Mismatches 2.6e+02 0.00 DB 1; Length 21; 20 S. 2030 E., GSS 16-FEB-2001 0; Gaps SLC, Ę 0

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adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse,Whole genome scaffolding with paired end reads from 10kb
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Insert Length: 10000 Std Erro
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Fax: 801 585 7177
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musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10000"
/clone="UUGC1M0571L11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /sex="Male"
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85.7%; Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0045 row: M column: 12
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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gh quality sequence stop: |
Location/Qualifiers
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pND42 (gi|4732114 |gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone 11b="Mouse 10kb plasmid UUGCIM library" /note="Vettor: PWD421v; Pwrified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Biomedical Polymers Research Bldg., 20 S.
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
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/clone="UUGC2M0045M12"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sex="Male"
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85.7%; Pred. No. 2.6e+02
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              High quality sequence stop: 21.
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Plate: 0046 row: G column: 18
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Fax: 801 585 7177
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Contact: Robert B.
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                   was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAD2 (gil 473214 | gb| AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli X110-Gold (Stratagene) cells
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and selected for ampicillin resistance."
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/clone="UUGC2M0046G18"
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0056 row: C column: 09
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Nouse whole genome scaffolding with paired end reads from 10kb Nouse whole genome scaffolding with paired end reads from 10kb
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Unpublished (2000)
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus (house mouse)
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                                                                                                                                                                                                                Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/) as sage through a was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Biomedical
10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLLO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, /Clone lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: pWD42nv; Purified genomic DNA from hmusculus C57BL/6J (male) was obtained from the Jac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Imail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0074 row: B column: 19
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers
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Nouse whole genome scaffolding with paired end reads from 10kb
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2M0074E19F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0074E19 F, genomic survey semance
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Pax: 801 585 7177
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1 (bases 1 to 21)
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               musculus CSTBL/GU (maile) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells
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and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/strain="C57BL/6J"
/db_xref="taxon:1000"
/clone="UUGC2M0074B19"
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Ed Error: (
Plate: 0083 row: H column: 11
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AZ815424 21 bp DNA linear GSS 20
2M0083H11R Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC2M0083H11 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            High quality sequence stop: 21.
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone_lib="Mouse_10kb_plasmid_UUGCIM_library" /note="Vector: PW042nv; Purified genomic_DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C578L/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              db_xref="taxon:10090"
clone="UUGC2M0083H11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ocation/Qualifiers
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0.3%; Score 16.2;

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Length 21;

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REFERENCE
AUTHORS
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AZ819181
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Query Match
Best Local Similarity
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21 bp DNA linear GSS 20 200089110R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC2M0089110 R, genomic survey semiance AZ819181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro;
Plate: 0089 row: I column: 10
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               308,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    quality sequence stop: 21.
Location/Qualifiers
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                                                              http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab_host="Nouse 10kb plasmid UUGCIM library"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Biomedical Polymers Research Bldg., 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone="UUGC2M0089I10"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus
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Score 16.2; DB 1
Pred. No. 2.6e+02
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                          DB 1;
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••
                    Length 21;
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Matches

18;

Conservative

0,

Mismatches

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Gaps

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Query Match 0.3%; Best Local Similarity 85.7%;

18;

Conservative

Score 16.2; DB 1; Pred. No. 2.6e+02; 0; Mismatches 3;

Length 21; Indels

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Gaps

0

85.7%;

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ACCESSION
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SOURCE
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AZ832198
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Insert Length: 10000 Std Brror:
Plate: 0112 row: P column: 20
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ832198 21 bp DNA linear GSS 20 2M0112P20F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0112P20 F, genomic survey sequence.
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
1 (bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GSS.
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ832198.1 GI:13002106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mus musculus (house mouse)
                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAVA2 (gi|473214|gb|AFI29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib-"Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ocation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      sex="Male
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone="UUGC2M0112P20"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Seq primer: CACACAGGAAACAGCTATGACC Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GSS.
Mus musculus (house mouse)
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AZ843603.1 GI:13013511
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 21)
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igh quality sequence stop: 21.
Location/Qualifiers
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                                                                            Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coil XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0142I06"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            sex="Male"
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   Score 16.2; DB 1;
Pred. No. 2.6e+02;
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Conservative

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Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Insert Length: 10000 Std Brror: 0.00
Plate: 0156 row: D column: 09
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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2M0156D09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0156D09 R, genomic survey sequence.
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Location/Qualifiers
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Fax: 801 585 7177
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1 (bases 1 to 21)
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Conservative
                                                                                                                                                           http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMP42 (gi | 4732114 | gb | AP129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone="UUGC2M0156D09"
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                                0.3%;
                                     Score 16.2; DB 1;
Pred. No. 2.6e+02;
    Mismatches
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    Indels
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University of Utah Genome Center
University of Utah
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High quality sequence stop: 21.
Location/Qualifiers
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Insert Length: 10000 Std Error: 0.00
Plate: 0228 row: A column: 01
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Fax: 801 585 7177
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                                              ААЛАЛАТАСАЛАЛАДАЛА 5413
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                                                                                                        Conservative
                                                                                                                                                                                                   Laboratory Mouse DNA Resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAP2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_iMouse 10kb plasmid UUGC2M library"
/note="Vector: PMP042nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
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mol_type="genomic ממח"
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/strain="C57BL/6J"
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Insert Length: 1000 Std Error: 0.00
Plate: 0288 row: 0 column: 20
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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2M0288020R Mouse 10kb plasmid UUGCZM library Mus musculus genomic
clone UUGCZM0288020 R, genomic survey sequence.
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University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia;
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Fax: 801 585 7177
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                                                                           Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
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polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
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inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/clome_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWP27nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jacks
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/strain="C57BL/6J"
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Score 16.2; DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  22
  Large-scale Sequencing Analysis Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute.
                                                       In Makes 1 to 22)

1 (bases 1 to 22)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                                                                                                                                                   Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Ehrhartoideae, Oryzeae, Oryza.
                                                                                                                                                                                                                                                                                                                                                     CF298427

22 bp mRNA linear EST 15-AUG-2003

7LEAF--01-M24.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
8ativa (japonica cultivar-group) cDNA clone 7LEAF--01-M24, mRNA
                                                                                                                                                                                                                                                                                    sequence.
CP298427
CP298427.1 GI:33670188
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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CF282024
CF282024.1 GI:33659411
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14ETL--09-F13.bl Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--09-F13,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Pax: 82 31 321 6355
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Location/Qualifiers
and Genetics Institute,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
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/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
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Pred. No. 2.7e+02;
  GreenGene Biotech Inc.; Division
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                                                                                                            Lee, T.H.,
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CF310486
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Matches 18
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                            Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Spermatoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CP310486 22 bp mRNA linear EST 15-AUG-2003 ABF--05-C16.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone ABF--05-C16, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Nahm B.H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CF310486
CF310486.1 GI:33682247
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Similarity 85.7%;
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//ab_host="8.coli_DH10B"
//clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
                                       /Clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"

CDNA library (ABF)"

(note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive
element binding transcription factor 3 overexpression line."
                                                                                                                                                            /db_xref="taxon:39947"
/clone="ABF--05-C16"
/tissue_type="leaf"
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/lab_host="E.coli DH10B"
                                                                                                                                                                                                                                                                              /organism="Oryza sativa (japonica
/mol_type="mRNA"
/cultivar="Nackdong"
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/clone="7LEAF--01-M24"
/tissue_type="leaf"
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/cultivar="Nackdong"
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                                                                                                                                                                                                                                                                                                                                                                                                      bhnahm@bio.myongji.ac
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AZ304806
AZ304806.1 GI:10341191
GSS
Mus musculus (house mouse
Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22 bp mRNA linear EST 0: BL003B H01 6-Day Axolotl Tail Blastema (6DAxEL) Ambystoma cDNA 5 similar to hypothetical protein, mRNA sequence. CO778290 CO778290.1 GI:50994270
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pfotenhauerstrasse 108,01307 Dresden, Tel: 0049 351 210 2620 Fax: 0049 351 210 1489 Email: tanaka@mpi-obg.de Plate: BL003B row: 01 column: H Seq primer: GCA CAT TAG GCC TAT TTA GC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 22)
Habermann, B., Bebin, A.G., Herklotz, S., Volkmer, M., Eckelt, K., Pehlke, K., Epperlein, H.H., Schackert, H.K., Wiebe, G. and Tanaka, E.M. An Ambystoma mexicanum EST sequencing project: Analysis of 17,352 expressed sequence tags from embryonic and regenerating blastema
                                                                                       1M0005K17F Mouse 10kb plasmid clone UUGC1M0005K17 F, genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: E
Tanaka Lab
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Amphibia; Batrachia; Caudata; Salamandroidea; Ambystomatidae;
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/tissue_type="Tail Blastema"
/cell_type="Tail Blastema"
/cell_type="regenerating tail blastema"
/cell_type="regenerating tail blastema (6DAxBL)"
/clone_lib="6-Day_Axolotl_Tail_Blastema (6DAxBL)"
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/note="Vector: pcMVSport6; Site_1: NotI; Site_2: SaII;
// Unnormalized_CDNA_plasmid_library_prepared by Invitrogen.
Size_fractionated_mRNA_was polydT primed_and_cloned_into
NotI-SalI_site_of_pcMVSport6. Bacterial_host_is
EMDH10B-TONA. Average_insert_size_is_1.67 kB.
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/mol_type="mRNA"
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                    (house mouse)
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Pred. No. 2.7e+02;
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1M0127H16F Mouse 10kb plasmid clone UUGC1M0127H16 F, genomic
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Fax: 801 585 7177
Email: ddunn@genet
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
Mus musculus
Eukaryota; M
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Insert Length: 10000 Std Error:
Plate: 0005 row: K column: 17
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                                                                                                                                                                                                                                                                                                                                                       АВАЛАЛАТАСАЛАЛАДАВА 5413
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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85.7%;
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Pred. No. 2.7e+02;
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.

Plate: 0127 row: H column: 16

Seq primer: CGTTGTAAAACGACGGCCAGT

Class: plasmid ends
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                 AZ505769.1 GI:10687085
GSS.
Mus musculus (house mouse)
                                                                                                                                                                   AZ505769
                                                                                                                                                                                       AZ505769 22 bp DNA linear GSS 05 1M0346A10R Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGCIM0346A10 R, genomic survey sequence.
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High quality sequence stop: 22.
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University of Utah Genome Center
University of Utah
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/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.
musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0127H16"
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Insert Length: 1000 Std Error: 0.
Plate: 0346 row: A column: 10
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
High quality sequence stop: 22.
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Mouse whole genome scaffolding with paired end reads from 10kb
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 22)
                                                                              Mus musculus
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University of Utah Genome Center
University of Utah
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent S. coli XI10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse_10kb_plasmid_UUGCiM_library"
/note="Vector: PMP42ny; Purified_genomic_DNA_from_M.
musculus_C57BL/6J_(male) was obtained_from_the_Jackson
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    and selected for ampicillin resistance.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Insert Length: 10000 Std Error:
Plate: 0098 row: K column: 07
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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                                                                                                                                              2M0145J07R Mouse 10kb plasmid
clone UUGC2M0145J07 R, genomic
AZ845735
AZ845735.1 GI:13015643
GSS.
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High quality sequence stop: 22.
Location/Qualifiers
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Fax: 801 585 7177
     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 22)
                                                                                                 Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNB42 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector NNA and transformed into
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMP42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
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       Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Ho
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5395 AAAAATTACAAAAAAGAAAAAA 5415
                                                                                                                                                                      T. brucei sheared genomic genomic survey sequence. AL497383 AL497383.1 GI:11865504
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                                                                                       Trypanosoma brucei
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Location/Qualifiers
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Insert Length: 10000 Std Error: 0.00
Plate: 0145 row: J column: 07
Seq primer: CACACAGGAAACAGCTATGACC
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Unpublished (2000)
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Fax: 801 585 7177
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                                  Ттураповота.
                                                          Bukaryota; Buglenozoa; Kinetoplastida; Trypanosomatidae;
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strain="C57BL/6J"
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Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                          Srinivasan, J., Otto, G.W., Kahlow, U., Geisler, R. a AppaDB: an AcedB database for the nematode satell Pristionchus pacificus
Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ
Evolutionary Biology
Max-Planck-Institute for Developmental Biology
Spemannstr. 37-39, Tuebingen D-72076, Germany
Tel: 00497071601371
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                                                                                                                                                                                                                Pax: 00497071601498
Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech,
sequenced at Vancouver, Canada.
Seq primer: T7
Class: fosmid ends.
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Pristionchus pacificus
Eukaryota, Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: nelsayed@tigr.org
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      to give a tight size distribution (
4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects.
Genome Sequencing: A Practical Approach, eds. M. Vaudin and B.
Barrell, Oxford University Press, 1999).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CL693160.1 GI:50215068
GSS.
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                      /db_xref="taxon:54126"
/clone_lib="Mixed stage fosmid library of P. pacificus
var. California"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Trypanosoma brucei"
|mol type="genomic DNA"
|strain="TREU92"
|db_xref="taxon:5691"
                                                                                            organism="Pristionchus
/mol_type="genomic DNA"
/strain="California"
note="Vector: pEpifos-5"
                                                                                                                                                                                              Location/Qualifiers
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Pred. No. 2.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Kahlow, U., Geisler, R. and Sommer, R.J. for the nematode satellite organism
                                                                                                                                            pacificus"
  Fosmid vector"
                                                                                                                                                                                                                                                                                           Pasadena,
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                                                                                                                           Gallus gallus (chicken)
Gallus gallus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
                                                                                                                                                                                                                                                                                                                               ω
Dept. Genomics and Bioinformatics Roslin Institute Roslin, Midlothian, EH25 9PS, UK Tel: +44 (0)131 527 4200 Pax: +44 (0)131 440 0434
                                                             Murray, F.
BP Chicken Brain Library
Unpublished (2001)
Contact: Frazer Murray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
1 (bases 1 to 23)
Koehrer, K., Beyer, A., Mewes, H.W., Gassenhuber, J. and
EST (Koehrer, et al.)
Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DKFZp566N213 r1 566 (synonym: DKFZp566N213, mRNA sequence. AL048776
                                                                                                                                                                                                        ROS059H07, mRNA sequence.
AL587621
AL587621.1 GI:13192655
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AL587621 BP Chicken Brain Library
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    Location/Qualifiers
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85.7%;
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Pred. No. 2.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             23
                                                                                                                                                                                                                                                                                                                         Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 23)
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GCGGCCGCTTTTTTTTTTTTTTTTTTTT3' Poly A RNA purchased from Clonetech
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te: 18 row: P column: 17
primer: SP6; CATACGATTTAGGTGACACTATAG.
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/mol_type="mRNA"
/db_xref="taxon:9031"
/tissue_type="storage root"
/lab_host="EMDH10B"
/lab_host="EMDH2-ADIS-024-storage root"
/clone_lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site_1: Sall; Site_2: NotI;
                                                                            /db_xref="taxon:161934"
/clone="024-018-P17"
                                                                                                                                                      /cultivar="KWS2320 (double haploid,
                                                                                                                                                                      organism="Beta vulgaris"
|mol_type="mRNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Glossina morsitans morsitans glossina morsitans morsitans glossina, Insecta; Pterygota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota; Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Hippoboscoidea; Glossinidae; Glossina.

1 (bases 1 to 23)
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                                                                                                                                                                                                                                                                                                                                                                                                                           Prof. M.J.Lehane
School of Biological Sciences,
University of Wales,
Bangor LL57 2UW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The Sanger Institute The Wellcome Trust Genome Hinxton, Cambridge, CB10 1SA, UK
Request for clones, please contact: Mike Lehane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14519198
Contact: Hall N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                response genes
Genome Biol. 4 (10), R63 (2003)
22881942
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                                                                                                                                                                              /sub_species="morsitans"
/db xref="taxon:37546"
/clone="Tib=46d05_plc"
/tissue_type="adult infected gut"
/clone_Tib="Glossina morsitans morsitans adult infected gut"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Binbeck, Germany, contact
b.schulz@kws.de; cloning sites SalI-NotI, primer sites
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                                                                                                                                                                                                                                                                                        /organism="Glossina morsitans morsitans"
/mol_type="mRNA"
/____
                                                                                                                                                             note="country: Zimbabwe;
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Pred. No. 2.8e+02;
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Pred. No. 2.8e+02;
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                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
                                                                                                                                                                                                                                                                                                                 AZ621676 23 bp DNA linear GSS 13-DEC-200
1M0455J07F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clons UUGC1M0455J07 F, genomic survey sequence.
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Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
Yonqin, Kyeonggi, Korea
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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23 bp mRNA linear EST 14-AUG-2003
14ETL--05-P06.bl Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--05-P06,
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts Unpublished (2000)
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AZ621676.1 GI:11743962
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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CF279593.1 GI:33656979
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
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/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
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Pred. No. 2.8e+02;
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                                                             Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalla; Butherla; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 23)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Miederhausern, A. and Wright, D., Weiss, R.

Mouse, whole genome scaffolding with paired end reads from 10kb
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                 plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                         Mus musculus
                                                                                                                                                                                                                                                                                                        AZ817623.1 GI:12987531 GSS.
                                                                                                                                                                                                                                                                                                                                                                           2M0087N09F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0087N09 F, genomic survey sequence.
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Insert Length: 10000 Std Erro
Plate: 0455 row: J column: 0
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Fax: 801 585 7177
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)
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/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared
from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 2.8e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                             19 bp mRNA linear EST 16-FEB-199 similar to TR:\(\overline{Q}26195\) Q26195 PVA1 GENE. ; contains L1.b3 L1 repetitive element ;, mRNA sequence.
(CGAP/BTGAP), Tumor Gene Index Unpublished (1998)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: David N. Louis, M.D., Myrna R. Rosenfeld M.D.,
                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleosto; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 19)

NCI/NINDS-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute / National Institute of Neurological Disorders and Stroke, Brain Tumor Genome Anatomy Project (CGAP/BTGAP), Tumor Gene Index
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Insert Length: 10000 Std Erro
Plate: 0087 row: N column: 0
                                                                                                                                                                                                                                                                                                                       Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                         AI371092.1 GI:4149845
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Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical
                                                                                                                                                                                                                                                                                                                                                 Homo sapiens (human)
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C5/BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwm92 (gil4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:1000"
/clone="UUGC2M0087N09"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /sex="Male
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
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AZ654747/c
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                                                                                                                                                                                                         Mouse whole genome scaffolding with paired end plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                       Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AZ654747 19 bp DNA linear GSS 14 IM05259708F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0529F08 F, genomic survey sequence.
AZ654747
                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0529 row: F column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bonaldo, Ph.D. cDNA Library Arrayed by: Greg Lennon,
                                                                                                                                                                     University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ654747.1 GI:11791893
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html
Class: plasmid ends
                                                                                                                                                       Rm. 308,
                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Trace considered overall poor quality
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.3%;
Similarity 89.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Insert Length:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
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                                                                                                                                                                                                                                                                                                                                                                 (bases 1 to 19)
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lab_host="DH108"
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db_xref="taxon:9606"
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JOURNAL COMMENT
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CL693177
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Matches 17
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CL693177
CL693177.1 GI:50215085
GSS.
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17; Conserv
                                                                                                                                             Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech,
sequenced at Vancouver, Canada.
                                                                                                                                                                                                                                              Max-Planck-Institute for Developmental Biology Spemannstr. 37-39, Tuebingen D-72076, Germany Tel: 00497071601371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pristionchus pacificus
Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                       Nucleic Acids Res. 32 (1), D421-D422
Contact: Sommer RJ
                                                                                                                                                                                                                                                                                                                                                                                                          Srinivasan, J., Otto, G.W., Kahlow, U., Geisler, R. and & AppaDB: an AcedB database for the nematode satellite
                                                                                                                                                                                                                                                                                                                      Evolutionary Biology
                                                                                                                                                                                                                                                                                                                                                                                      Pristionchus pacificus
                                                                                                                         Seq primer: T7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (http://www.jax.org/.resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                   fosmid ends
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/organism="Pristionchus pacificus"
/mol_type="genomic DNA"
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                                                                          Location/Qualifiers
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Pred. No. 2.6e+02;
0; Mismatches 2;
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ches 2;
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                                                                                                                                                                      Pasadena, USA and end
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Best Local (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0129 row: A column: 08
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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Unpublished (2000)
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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1M0129A08F Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC1M0129A08 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Seq primer: CGTTGTAAAACGACGGCCAGT
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus
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Similarity 89.5%;
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pDM42 (gi|4732114|gb|AF12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
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/clone_lib="Mixed stage fosmid library of P. pacificus
var. California"
                                                                                                                                                                                                                                                                                                                          /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /Clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone="UUGC1M0129A08"
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Pred. No. 2.6e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: |
Plate: 0213 row: D column: 24
Seq primer: CACACAGGAAAACAGCTATGACC
Class: plasmid ende
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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AZ949997.1 GI:13821224
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2M0213D24R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0213D24 R, genomic survey sequence.
AZ949997
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Location/Qualifiers
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                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNA42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
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                                                                                                                                                                                                                                                                                                                                                            musculus C57BL/6J (female) was obtained
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                       Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                               /lab_host="B. coli strain XL10-Gold, T1-resistant, F-"
/clome_lib="Mouse_10kb_plasmid_UUGC2M_library"
/note="Vector: PWn82nv; Purified_genomic_DNA_from_M.
musculus_C57BL/6J (female)_was_obtained_from_the_Jacks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                clone="UUGC2M0213D24"
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DNA was annealed to
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AZ345540/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0080 row: P column: 05
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        High quality sequence stop: 21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
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/ Beks | Mast= "I. Coli strain XL10-Gold, T1-resistant, F-"
//lab host="S. Coli strain XL10-Gold, T1-resistant, F-"
//clone_lib="Mouse_l0kb plasmid_UUGCIM_library"
//note="Vector: PMD42nv; Purified_genomic_DNA from M.
musculus_CSTBL/GJ (male) was obtained from the Jackson
Laboratory Mouse_DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ocation/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             clone="UUGC1M0080P05"
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89.5%;
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Pred. No. 2.
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Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AUTHORS
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                                                                                                                                                                                                                                                                                                       3543
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Constructed at the Institute for Genomic Research (TIGR), Rockville, MD. Genomic DNA isolated from a cloned population of Trypanosoma brucei (TREU927/4 GUTAt 10.1) was mechanically sheared to give a tight size distribution (
4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. In Genome Sequencing: A Practical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1999).
                                                                  AZ345485
AZ345485.1 GI:10424722
GSS.
                                                                                                                         AZ345485 22 bp DNA linear GSS 29 1M0080C02F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0080C02 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: nelsayed@tigr.org
Details of T. bruce1 sequencing at the Sanger Centre
at http://www.sanger.ac.uk/Projects/T_bruce1/.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton, Cambridge CB10 1SA, B-mail: barrell@sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Trypanosoma brucei
Trypanosoma brucei
Eukaryota; Euglenozoa; Kinetoplastida; Trypanosomatidae;
Mus musculus
Eukaryots; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L., Melville, S.E., Rajandream, M.A. and Barrell, B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GSS.
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ĀL453252.1 GI:11852597

    brucei sheared genomic

                                              Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Trypanosoma brucei"
/mol type="genomic DNA"
/strain="TREU927"
/db xref="taxon:5691"
/clone="28d01"
                                                                                                                                                                                                                                                                                                                                                           0.3%;
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Pred. No. 2.9e+02;
0; Mismatches 2
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RESULT 477
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AUTHORS
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Best Local S
Matches 18
                                                            ORGANISM
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Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                               GSS.
                                                                                                                                                                                 AZ785081 22 bp DNA line 20028IO8R Mouse 10kb plasmid UUGCIM library Mu clone UUGC2M0028IO8 R, genomic survey sequence.
                                                                                                                                                              AZ785081
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Insert Length: 10000 Std Error:
Plate: 0080 row: C column: 02
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                                                                                    Mus musculus (house mouse)
                                                                                                                                      AZ785081.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Pax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               llarity 81.8%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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High quality sequence stop: 22.
Location/Qualifiers
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Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030
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Dunn, D., Aoyagi, A.,
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 22)
                                                                                Mus musculus
                                                                                                                                                         BH000233
BH000233.1 GI:13871459
                                                                                                                                                                                                            2M0287L21R Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0287L21 R, genomic survey sequence.
                                                                                                                                                                                                                                                               BH000233
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Insert Length: 10000 Std Erro
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Fax: 801 585 7177
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                                                                                                        Mug
                                                                                                        musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab host="E. Coli strain XLIO-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pWp42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="genomic DNA"
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/clone="UUGC2M0028I08"
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/strain="C57BL/6J"
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Best Local Similarity
Matches 18; Conserv
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Insert Length: 10000 Std Error: 0.00
Plate: 0287 row: L column: 21
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
                                                     Eukaryota; Mētazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae;
                                                                                                           Rattus norvegicus
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Fax: 801 585 7177
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                             Rattus.
                                                                                                                                   Rattus norvegicus (Norway rat)
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                                                                                                                                                                                                                                      mRNA sequence.
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          (bases 1 to 18)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Pred. No. 3.2e+02;
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Best Local Similarity
Matches 16; Conserv
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                          Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Xiao,H.S., Huang,Q.H., Zhang,F.X., Bao,L., Lu,Y.J., Guo,C., Yang,L., Huang,W.J., Pu,G., Xu,S.H., Cheng,X.P., Yan,Q., Zhu,Z.D., Zhang,X., Chen,Z., Han,Z.G. and Zhang,X.

Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)
                                                                                                                                                                                                                                               Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                               Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H. and Radelof,U.
                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta, Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots, Caryophyllales, Amaranthaceae, Beta.

1 (bases 1 to 18)
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BQ594437.1 GI:26124020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18 bp mRNA linear 1012442-024-024-M20-SP6 MPIZ-ADIS-024-developing CDNA clone 024-024-M20 5-PRIME, mRNA sequence.
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This clone is also available at Chinese National Human Genome
This clone is also available at Chinese National Human Genome
Center at Shanghai, 351 Guo Shoujing Road, Zhangjiang Hi-Tech
Pudong New Area, P.R.China. Please contact with Zhang Xu
(xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@chgc.sh.cn)
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Institute of Neuroscience
320 Yue Yang Road, Shanghai 200031,
Tel: 86-21-64748700-121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Beta vulgaris
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weisshaa@mpiz-koeln.mpg.de
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /tissue_type="dorsal root ganglion"
/dev_stage="adult"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="mRNA"
/strain="Sprague-Dawley"
/db_xref="taxon:10116"
/clone="DRABUA12"
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94.1%; Pred. No. 2.8e+02;
tive 0; Mismatches 1
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                          Mammalian Functional Genomics Centre
Manitoba Institute of Cell Biology, Universitry of Manitoba
ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
Tel: 204 787 2133
Tel: 204 787 2193
Email: hicksgg@cc.umanitoba.ca
U3NeoSVI gene trap. Tag generated by plasmid rescue. Additional
sequence information and target gene cloning can be generated. ES
cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST2544-NR.Se
                                                                                                                                                                                                                                                  q
Class:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       www.EScells.ca
Unpublished (2002)
Contact: Hicks GG
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CL436223.1 GI:45570812
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Plate: 24 row: M column: 20
Seq_primer: SP6; CATACGATTTAGGTGACACTATAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae;
1 (bases 1 to 19)
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/lab_host="EMDH10B"
/clone_lib="MPIZ-ADIS-024-developing root"
/clone_tib="MPIZ-ADIS-024-developing root"
/clone_tib="MPIZ-
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                                                                                         /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="129 sv"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RZPD/GABI-Primary database: http://gabi.rzpd.de"
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/clone="024-024-M20"
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                                 clone="PST2544-NR.Seq"
                                                               db_xref="taxon:10090"
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Pred. No. 2.8e+02;
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contact: and

Euteleostomi; ; Murinae; Mus

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REFERENCE
AUTHORS
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AZ308846/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16;
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Nouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ308846 21 bp DNA linear GSS 29 1M0012H15F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGCIM0012H15 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0012 row: H column: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TATAAATTAAAAATTAT 18
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Location/Qualifiers
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           musculus CSTBL/GJ (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNP042 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                 /lab_host="E. Coli strain XL10-Gold, T1-resistant, /clone_lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from /
                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone_lib="MICB1"
/note="Vector: U3NeoSV1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /cell_type="Embryonic stem cell"
/cell_line="D3H (J1 subclone)"
                                                                                                                                                                                                                                                                                                                                                                                   /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                             db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                            clone="UUGC1M0012H15"
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Pred. No. 2
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adaptored mouse DNA was annealed to
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AB094448
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AJ666402
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Fujiwara,T.
Small RNAs detected in the rice phloem
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AB094448 22 bp mRNA linear EST 01. AB094448 lambda TriplEx2 rice phloem sap cDNA Oryza sativa (japonica cultivar-group) cDNA clone PA568, mRNA sequence. AB094448
Sus scrofa (pig)
                              АJ666402
АJ666402.1
                                                              sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                   Email: hmano@pgcdna.co.jp.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                           Tel: 81-298-39-4823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ehrhartoideae; Oryzeae; Oryza.
1 (bases 1 to 22)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Hironori Mano
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mano, H., Noguchi, M., Oshima, T.,
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Similarity 94.1%;
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nilarity 94.1%;
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                                                                              CSEQRAN09
                                                                                                                                                                                                                                                                                          /tissue_type="phloem"
/clone_Tib="lambda Tri
                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nipponbare"
                                                                                                                                                                                                                                                                                                                           db_xref="taxon:39947"
clone="PA568"
                                                                            Sus scrofa
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Pred. No. 3.2e+02;
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                                                                          linear EST 28-JUN-2004
C0000033_C23, mRNA
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Anderson, S.I., Finlayson, H.A. and Archibald, A.L. Development of cDNA and EST resources for studying embryo development in pigs and cattle Unpublished (2004)

reproduction and

Euteleostomi; Sus.

SI

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Butheria; Cetartiodactyla; Suina; Suidae;

(bases 1 to 20)

Sus scrofa

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Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing: Bases called and trimmed with phred
Single pass sequencing: Bases called and trimmed with the -minscore 20
v0.020425.c. Vector identified by cross match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(KS+) R. Site 1:
BCORI R. Site 2: NotI Description: Normalised library constructed
from pooled tissue from day 30 placentas. Clones available from UK
Centre for Functional Genomics in Farm Animals, Roslin Institite,
Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.
Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.
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DKFZD566A1746 rl 566 (synonym:
DKFZD566A1746, mRNA sequence.
DKFZD566A1746, mRNA sequence.
AL038427
AL038427.1 GI:49682121
                                                                                                                                                                                                                                                                                                                                                                                                                                       Unpublished (Contact: MIPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

1 (bases 1 to 20)

Ottenwaelder, B., Obermaier, B., Mewes, H.W., Gassenhuber, J. and
                                                                                                                                                                                                                                                                                                                                                                              Ingolstaedter Landstr.1, D-85764 Neuherberg,
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
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/clone="C0000033_C23"
/tissue_Type="placenta"
/tissue_Type="placenta"
/clone_Tib="CSEQRAN09"
/clone_Tib="CSEQRAN09"
/note="Vector: pBlueScriptII(KS+); Site_1: EcoRI; Site_2:
NotI; Single pass sequencing. Normalised library
constructed from pooled tissue from day 30 placentas."
                                                                                                                                                     /tissue_type="kidney"
/dev gtage="fetal"
/lab_host="xl-zblue"
/clone_llb="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: NotI; Site_2: SalI"
                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="DKFZp566Al746"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Sus scrofa"
|mol_type="mRNA"
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Pred. No. 3.3e+02;
0; Mismatches 3
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                                                                                                  Score 15.2; DB 1; Length 20; Pred. No. 3.3e+02;
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hfkd2) Homo
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RESULT 486

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DKFZp566D1846 r1 566 (synonym: hfkd2) Homo
DKFZp566D1846, mRNA sequence.
AL038507
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                                                                                                                                                                                                                                                               EST (Ottenwaelder, et al.)
Unpublished (1999)
                                                                                                                                                                                                                                                                                                                             Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 20)
                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
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Unpublished (1999)
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                                                                                                                                                                                                                                                 Contact: MIPS
                                                                                                                                                                                                                                                                                                Wiemann, S.
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                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
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Location/Qualifiers
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Location/Qualifiers
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                                                                                             /organism="Homo sapiens"
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/note="Vector: pamp1; Site_1: NotI; Site_2:
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 0.3%;
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 Score 15.2;
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DB 1;
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 Length 20;
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CDNA clone
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CDNA clone
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ORGANISM
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KEYWORDS
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AL038576
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Best Local
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                                                                                                                             Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Eukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo. Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 20)
Ottenwaelder, B., Obermaier, B., Mewes, H.W., Gassenhuber, J. and
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                                                                                                                                                                                                                                                                      20 bp DKFZp566F0346 rl 566 (synonym: l DKFZp566F0346, mRNA sequence. AL038576
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Unpublished (1999)
Contact: MIPS
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DKFZp566F1746 rl 566 (symonym:
DKFZp566F1746, mRNA sequence.
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Unpublished (1999)
Contact: MIPS
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1 (bases 1 to 20)
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    Location/Qualifiers
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                                            Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"

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                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.3%;
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                                                                                                                  et al.)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 15.2; DB 1; Length 20; Pred. No. 3.3e+02;
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KEYWORDS
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JOURNAL
COMMENT
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AUTHORS
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ORGANISM
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                                                                                                                                                              DEFINITION
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Best Local S
Matches 17
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Best Local Similarity
Matches 17; Conserv
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               Mammalla; Eutheria; Primates;
1 (bases 1 to 20)
Ottenwaelder,B., Obermaier,B.
                                                                                                                                    20 bp mRNA
DKFZp566M1346 rl 566 (synonym: hfkd2) Homo
DKFZp566M1346, mRNA sequence.
AL038754
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Mammalia; Eutheria; Primates;
1 (bases 1 to 20)
Ottenwaelder,B., Obermaier,B.,
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                                                                          Homo sapiens
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Unpublished (1999)
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    Wiemann,S.
                                                                                        Homo sapiens (human)
                                                                                                                    AL038754.1 GI:49682201
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Location/Qualifiers
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iilarity 85.0%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   85.0%;
                  Obermaier, B.,
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Pred. No. 3.3e
0; Mismatches
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m: hfkd2) Homo
                                            Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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                  Mewes, H.W.,
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                  Gassenhuber, J. and
                                                                                                                                                                sapiens
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                                                                                                                                                                                 linear
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                                                                                                                                                                   CDNA
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/note="Vector: pAMP1; Site_1: NotI;
                                                                             SalI"
 <u>,</u>
Gaps
 0;
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cDNA clone EST 06-JUL-2004

Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo. Gassenhuber, J. and

0 Gaps

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clone 06-JUL-2004

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RESULT 493
AL587630/c
LOCUS
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AUTHORS
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ORGANISM
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VERSION
KEYWORDS
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AL038845
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JOURNAL
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Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17, Conserv
                                                                                                                                                                                                                              5391 TTAAAAAAATACAAAAAAGA 5410
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Unpublished (1999)
Contact: MIPS
MIPS
AL587630 · 20 bp mRNA linear EST 02-
AL587630 Bp Chicken Brain Library Gallus gallus cDNA clone
ROS060A07, mRNA sequence.
AL587630
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AL038845
AL038845.1 GI:49682220
EST.
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Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DKFZp566P1746, mRNA sequence.
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Location/Qualifiers
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
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ilarity 85.0%;
Conservative
                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
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/mol_type="mRNA"
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/db_xref="taxon:9606"
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/lab_host="xl-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: NotI; Site_2: SalI"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone="DKPZp566M1346"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                   0.3%;
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                                                                                                                                                                                                                                                                                                                     Score 15.2;
Pred. No. 3.
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                                                                                                                                                                                                                                                                                    3.3e+02;
3;
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CDNA clone
                                                                       EST 02-MAR-2001
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KEYWORDS
SOURCE
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AUTHORS
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ACCESSION
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KEYWORDS
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AW334823/c
LOCUS
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ORGANISM
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                         Bource
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                                                                                                                                            1 (bases 1 to 20)
Smullan, A.G., Arnold, J., Weise, M., Wun
Edman, J.C., Kovace, J. and Cushion, M.
Expressed sequence tags from Pneumocys
Unpublished (2000)
Contact: Staben C
School of Biological Sciences
University of Kentucky
101 Morgan Building, University of Ken
40506-0225, USA
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EST.
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Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes, Pneumocystidaceae; Pneumocystis.
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pneumocystis carinii
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AW334823 20 bp mRNA linear EST S39F5 AGS-1 Pneumocystis carinii cDNA 3', mRNA sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Seq primer: M13F.
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Roslin, Midlothian, EH25
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dept. Genomics and Bioinformatics
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Frazer
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Unpublished (2001)
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Gallus gallus
                                                                                                 Tel: 606 257 2161
Fax: 606 257 1717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pneumocystis carinii
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GCGGCCGTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from Clonetech
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                                              staben@pop.uky.edu.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /tissue_type="Brain"
/dev stage="Unknown"
/lab_host="DH10B"
/clone_lib="BP Chicken Brain Library"
/clone_tib="BP Chicken Brain Library"
/clone_tib="BP Chicken Brain Library"
/clone_tib="BP Chicken Brain Library"
/clone_tib="BP Chicken Brain Library"
/clone="Vector: pSPORT1; Site_1: Not1; Site_2: Sall; Cloned
/clonetech (*Sall; Cloned
/clonetech (*Sall; Cloned
/clonetech (*Sall; Clonetech (*Sall; Clonetech
organism="Pneumocystis carinii"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Gallus gallus"
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/db_xref="taxon:9031"
/clone="ROS060A07"
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Pred. No. 3.3e+02;
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                                                                                                                                                                         of Kentucky, Lexington,
                                                                                                                                                                                                                                                                                                                                             Wunderlich, J.,
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VERSION
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Best Local Similarity
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                                      5393 АЛАЛАЛАТАСЛАЛАЛАGAЛА 5412
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CP280913 20 bp mRNA linear EST 14-AUG-2003
14ETL--07-M07.bl Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--07-M07,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CF280913.1 GI:33658299
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AAAAAAAAAAAAAAAAAAA 20
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                                                                                    Conservative
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31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Kyeonggi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /clone lib="AGS-1"
/clone lib="AGS-1"
/note="Vector: Lambda ZAP II; Site_1: EcoRI; Site_2: XhoI;
P. carinii organisms (3x10e9) from a single rat (99-1-6,
sacrificed on 3/17/99) at Cincinnati VA facilities.
Trizol extracted RNA. Oligo dT priming, standard
conditions described by vendor, Stratagene. Further
details see www.uky.edu/Project/Pneumocystis/"
                                                                                                                                                                                                                                                                                /culTivar="Nackdong"
/db xref="taxon:39947"
/clone="14ETL--07-M07"
/tissue_type="leff"
/dev stage="14 days after germination"
/lab_host="E.coli DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="mRNA"
/db_xref="taxon:4754"
/lab_host="E._coli"
                                                                                                                                                                                /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza sativa
/mol_type="mRNA"
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                                                                                                         Score 15.2; DB 1;
Pred. No. 3.3e+02;
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                                                                                                                              DB 1;
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RESULT 496 CF282035

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RESULT 49
CF282414
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nes 17; Conserv
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeenggi, Korea
Tel: 82 31 330 6193
                                                                                                   1 (bases 1 to 20)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                              Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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14ETL--09-O19.gl Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--09-O19,
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Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
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Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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CF282035.1 GI:33659422
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nilarity 85.0%;
Conservative
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with oligoribonucleotides
RT-pCR."
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Pred. No. 3.3e+02
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RESULT 498
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Best Local Similarity
Matches 17; Conserv
                                           Query Match 0.3%;
Best Local Similarity 85.0%;
Matches 17; Conservative
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        5389 AATTAAAAAAATACAAAAAA 5408
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Enkaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 20)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, Y.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                               Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF298018
CF298018.1 GI:33669779
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Nahm B.H.
Genomics and Genetics Institute,
of Bioscience and Bioinformatics,
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                                                                                                                            Organism="Oryza sativa (japonica cultivar-group)"

/mol type="mRNA"

/culTivar="Nackdong"

/db xref="feaxon:39947"

/clone="7LEAF--01-D19"

/tissue_type="leaf"
/dev stage="7 days after germination"

/lab_host="E.coli DH10B"

/clone_lib="Rice_leaf_plasmid_cDNA_library_II_(7LEAF)"

/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-pCR."
                                                                                                                                                                                                                                                                                                                                                                                                        bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
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Location/Qualifiers
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/lab_host="E.coli DH10B"
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/mol_type="mRNA"
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85.0%;
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                                           Score 15.2; DB 1;
Pred. No. 3.3e+02;
0; Mismatches 3
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Pred. No. 3.3e+02;
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LOCUS
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Best Local S
Matches 17
                            TITLE
        JOURNAL
                                                                      AUTHORS
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 20)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophy
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 20)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
                                                                                                                                                                                                                                                           sequence.
CF301720
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
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7LEAF--03-P22.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--03-P22, mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
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/lab_host="E.coli DH108"
/note="Vector: pCR4-TOPO; Site_1: ECORI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
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Pred. No. 3.3e+02;
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Ehrhartoideae, Oryzeae, Oryza.
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
Tel: 82 31 320 6193
Fax: 82 31 321 6555
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
                                                                                                                                                                                                                                                                                                                           Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                           Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Lazge-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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                                             /organism="Oryza sativa (japonica cultivar-group)"
/mol type="mRNA"
/cultivar="Nackdong"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="7LEAF--07-C16"
/tissue_type="leaf"
/dev_stage="7 days after germination"
/dev_stage="7 days after germination"
/lab_host="E.coli DH10B"
/clone_"Price leaf plasmid cDNA library II (7LEAF)"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/clone_"Vector: pCR4-TOPO; Site_1: ECORI; mRNA was capped
with_oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                       bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
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Location/Qualifiers
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/clone="7LBAF--06-L01"
/tissue_type="leaf"
/dev_stage="7 days after germination"
/lab_host="S.coli DH10B"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: ECRI; mRNA was capped
with oligoribonuclectides and then used as templates for
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/mol_type="mRNA"
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Pred. No. 3.3e+02;
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Score 15.2;
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Query Match 0.3%;
Best Local Similarity 85.0%;
Matches 17; Conservative
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta;
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of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Location/Qualifiers
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/dev stage="14 days after germination"
/lab_host="E.coli DH108"
/lab_host="E.coli DH108"
/clone libb"ABF3-overexpressing transgenic rice plasmid
/clone libb"ABF3-overexpressing transgenic rice plasmid
/clone="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried
/note="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried
for 2hrs. Oligo-capped mRNA was reverse transcribed and
then used for PCR. mRNA was prepared from ABA-responsive
element binding transcription factor 3 overexpression
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/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="ABF--03-A01"
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Pred. No. 3.3e+02;
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    Embryophyta; Tracheophyta;
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DEFINITION
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JOURNAL
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Best Local Similarity
Matches 17; Conserv
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kin,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                          Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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CF313067.1 GI:33684828
EST.
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20 bp mRNA linear EST 15-AUG-2003
HD--01-B02.gl OsHDACl-overexpressing transgenic rice plasmid cDNA
library (HD) Oryza sativa (japonica cultivar-group) cDNA clone
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Tel: 82 31 336 6193
Pax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                              Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Pax: 82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Nahm B.H.
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Ehrhartoldeae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HD -- 01-B02, mRNA sequence.
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                                                                                                                  bhnahm@ggbio.com, bhna
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             line.
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cDNA library (ABF)"
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/culTivar="Nackdong"
/db_xref="taxon:39947"
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/dev_stage="14 days after germination"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 3.3e+02;
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                                                                                                                                       bhnahm@bio.myongji.ac.kr
                                                                                                                                                                                                                                GreenGene Biotech Inc.; MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (japonica cultivar-group)"
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5393 AAAAAAATACAAAAAAGAAA 5412

Matches

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AUTHORS
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CP313569/c
LOCUS
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                  Query Match
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oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HD--01-L22.bl OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) c HD--01-L22, mRNA sequence.
CF313569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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EST.
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Similarity 85.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                            bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
                                                                                  /clone="HD--01-122"
/tissue_type="callus"
/tissue_type="callus"
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/lab_host="E.Coli DH10B"
/clone lib="0sHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
/note="vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/lab_host="E.coli DH10B"
/clone lib="0sHDAC1-overexpressing transgenic rice plasmid cDNA lībrary (HD)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                     /mol_type="mRNA"
/cultiver="Nackdong"
                                                                                                                                                                                                                                                                                                                db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                               organism="Oryza sativa
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0.3%;
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Pred. No. 3.3e+02;
Score 15.2; DB 1;
Pred. No. 3.3e+02;
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AUTHORS
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CF319133/c
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TITLE
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Best Local
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CF319133 CF319133.1 GI:33690894
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CP321721
CP321721.1 GI:33693482
EST.
                   Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 20)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Location/Qualifiers
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/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone lib="OsHDAC1-overexpressing transgenic rice plasmic cDNA library (HD)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for lhr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
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/cultivar="Nackdong"
/db_xref="taxon:39947"
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Pred. No. 3.3e+02;
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JOURNAL COMMENT
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ORGANISM
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VERSION
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Best Local S
Matches 17
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                                                                                                                                                                                                                                                                            source
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il Similarity 85.0%;
17; Conservation
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 20)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., L. Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CF328565 20 bp mRNA linear EST 18-AUG NACL--03-I14.b1 Rice callus plasmid cDNA library (NACL) Oryza sativa (japonica cultivar-group) cDNA clone NACL--03-I14, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhna
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                           Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ehrhartoideae;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 derived from rice Histone Deacetylase overexpression line. \ensuremath{^{\text{m}}}
                                                                /organism="Oryza sativa (japonica cultivar-group)"

(mol type="mRNA"

/mol type="marNA"

/cultivar="Nackdong"

/db xref="taxon:39947"

/tlone="NACL-03-I14"

/tissue_type="callus"

/dev stage="proliferated callus on 2N6 media for 30

/dev stage="proliferated callus on 2N6 media for 30

/dev stage="proliferated callus on 2N6 media for 30

/db host="E.coli DHJDB"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CDNA library (HD)"
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/dav_stage="proliferated callus on 2N6 media for 2 weeks"
/dav_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E_coli_DH10B"
/clone_lib="OsHDAC1-overexpressing transgenic rice plasmid
/clone lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was cap
with oligoribonucleotides and then used as templates
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|mol_type="mRNA"
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db_xref="taxon:39947"
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Pred. No. 3.3e+02
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                                                                                                                                                                                                                                                                                                                           bhnahm@bio.myongji.ac
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Lee, T.H.,
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                                                                                                    for 30 days"
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VERSION
KEYWORDS
SOURCE
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CF334170/c
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AUTHORS
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CF333173/c
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Best Local S
Matches 17
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Best Local S
Matches 17
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JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 source
                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                           5393 AAAAAAATACAAAAAAGAAA 5412
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CF334170

DMT--03-F17.gl AtDMT-overexpressing transgenic rice | library (JMT) Oryza sativa (Japonica cultivar-group)

DMT--03-F17, mRNA sequence.
CF334170
CF334170.1 GI:33816671
EST.
CTYZA Sativa (Japonica cultivar-group)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Genomics and Genetics Institute, GreenGene Biotech In
of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Oryża sativa (japonica cultivar-group)
Oryża sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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CF333173.1 GI:33814617
EST.
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JMT--01-P11.g1 AtJMT-overexpressing transgenic rice plasmid cDNA
library (JMT) Oryza sativa (japonica cultivar-group) cDNA clone
JMT--01-P11, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Nahm B.H.
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llarity 85.0%;
Conservative
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                         /note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for pCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl methyltransferase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                         CDNA library (JMT)"
                                                                                                                                                                                                                                                                                                                                                                                                                        /dev_stage="14 days after germination"
/lab_host="B.coli DH10B"
/clone_lib="AtJMT-overexpressing transgenic rice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db_xref="taxon:39947"
/clone="JMT--01-P11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Oryza sativa (japonica
/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                                                                                                                                                                                                                      0.3%;
                                                                                                                                                                                                                                                                       Score 15.2; DB 1;
Pred. No. 3.3e+02;
0; Mismatches 3
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Pred. No. 3.3e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                         DB 1;
                                                                                                      nRNA linear EST 18-AUG-2003
transgenic rice plasmid cDNA
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                                                                                          cDNA clone
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AUTHORS
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VERSION
KEYWORDS
SOURCE
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CF336525/c
LOCUS
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AUTHORS
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JOURNAL
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5393 AAAAAAATACAAAAAAGAAA 5412
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 20)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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JMT--06-J21.gl AtJMT-overexpressing transgenic rice plasmid
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                                                                                                        Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahmæggblo.com, bhn
Location/Qualifiers
                                                                                                                                                                                                                                                Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CF336525
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JMT--06-J21, mRNA sequence.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Unpublished (2003)
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
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1 (bases 1 to 20)
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Location/Qualifiers
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/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="off-taxon:39947"
/tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="B.coli DH10B"
/clone_lib="AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT)"
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was reverse transcribed and then used for PCR. mRNA was
pepared from Arabidopsis Jasmoinate Carboxyl
/organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                      1. .20
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85.0%; Pred. No. 3.3e+02;
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                                                                                                                                     bhnahm@bio.myongji.ac.
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                                                       (japonica cultivar-group) "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (japonica cultivar-group) "
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CF337494/c
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Best Local
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                                                                                                                                                          Query Match
Best Local Similarity
Matches 17; Conserv
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplante, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzae; Oryza.
1 (bases 1 to 20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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CF337494
CF337494.1 GI:33823378
EST.
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JMT--07-P04.gl AtJMT-overexpressing transgenic rice plasmid cDNA
library (JMT) Oryza sativa (japonica cultivar-group) cDNA clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Nahm B.H.
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                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    was reverse transcribed and then used for PCR. pepared from Arabidopsis Jasmoinate Carboxyl methyltransferase overexpression line."
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/dev_stage="14 days after germination"
/lab_host="B.coil DH10B"
/clone_lib="AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT)"
/cond-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-front-f
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                                                                                                                                                                                                                                                                                                                methyltransferase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           tissue type="leaf"
/dev_stage="14 days after germination"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="AtUMT-overexpressing transgenic rice plasmid
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/mol_type="mRNA"
/cultivar="Nackdong"
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/clone="JMT--07-P04"
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Pred. No. 3.3e+02;
                                                                                                                                                 Score 15.2; DB 1; Length 20; Pred. No. 3.3e+02; Mismatches 3; Indels
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CN545446/c
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ORGANISM
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CN545501/c
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Best Local Similarity
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                                              JOURNAL
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EST 17445 Green Grape Skin Triplex2 Library Vitis vinifera
clone B3CS00GL005H02 3', mRNA sequence.
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedaldechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
Unpublished (2002)
Contact: Hamdi S.
Contact: Hamdi S.
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EST 17390 Green Grape Skin Triplex2 Library Vitis vinifera cDNA
clone B3CS00GL005C02 3', mRNA sequence.
                  Abbal,P., Agasse,A., Ageorges,A., Atanassova,R., Barrieu,F., Couture,C., Dedaldechamp,F., Delrot,S., Glissant,D., Grimplet,J., Hamdi,S., Romieu,C. and Terrier,N. Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages Unpublished (2002)
Contact: Hamdi S.
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                                                                                                                                                                                                Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; Vitaceae; Vitis.
                                                                                                                                                                                                                                                                     Vitis vinifera
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Universite de Bordeaux I, Institut National de la
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                                                                                                                                                                                                                                                                                            Vitis vinifera
                                                                                                                                                                                                                                                                                                                                      CN545501.1 GI:46910126
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Fax: 00-33-(0)5-57-12-25-48
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/clone_lib="Green Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2;
Sfila; Site_2: SfilB; Oriented library"
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/mol_type="mRNA"
/cultivar="Cabernet Sauvignon"
/db xref="taxon:29760"
/clone="B3CS00GL005C02"
Equipe Biologie
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Pred. No. 3.3e+02;
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                                                                                                                                                           Washington University School of Medicine
4444 Porest Park Parkway, Box 8501, St. Louis, MO 63
7e1: 314 286 1810
Pax: 314 286 1810
Email: est@watson.wustl.edu
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL;
IMAGE Consortium (info@image.llnl.gov) for further i
Seq primer: M13RP1
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Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. 1 (bases 1 to 20)
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20 bp mRNA linear EST 06-FEB-1995 yb76d04.rl Stratagene ovary (#937217) Homo sapiens cDNA clone IMAGE:77095 5' similar to contains L1 repetitive element, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
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Seq primer: T7.
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71, Avenue Edouard Bourleaux,
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                                                                                                              quality sequence stop: 21.
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/clone_lib="Green Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda Tripll
SfilA; Site_2: SfilB; Oriented library"
                   /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:506824"
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/mol_type="mRNA"
/cultivar="Cabernet Sauvignon"
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db_xref="taxon:9606"
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Pred. No. 3.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0009 row: M column: 2
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Fax: 801 585 7177
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel
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/lab_host="SOLR cells (Kanamycin resistant)"
/clone_lib="Stratagene ovary (#937217)"
/note="Organ: ovary, Vector: Bluescript SK, Site 1: EcoRI, Site 2: XhoI; Cloned unidirectionally. Primer: Oligo dT. Total ovary tissue, normal, cancasian. Average insert size: 0.8 kb, Uni-ZAP XR Vector; -5' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTTT 3'"
                                                                                                                                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Biomedical Polymers Research Bldg., 20
                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                /sex="Male"
                                                                                                                                                                                                                                                                                                                                      clone="UUGC1M0009M20"
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Pred. No. 3.3e+02;
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Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid and
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ333980
AZ333980.1 GI:10400856
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ass: plasmid ends
gh quality sequence stop: 20.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
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                                                                                                                                                                                                                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone lib="Mouse 10kb plasmid UUGCIM library.
/note="Vector: PW042nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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                                                                                                                                                                                                                                                                   Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                   sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                              clone="UUGC1M0063K10"
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AZ341237
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: Clate: 0073 row: G column: 03
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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University of Utah
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Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/) as hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymuclaedtide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                         /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWp2ny; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:10090"
/clone="UUGC1M0073G03"
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Pred. No. 3.3e+02;
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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0073 row: N column: 21
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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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1 (bases 1 to 20)
1 (bases, 20)
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Laboratory Mouse DNA Resources (Author/Jewww.jax.org/resources/douments/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
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/strain="C57BL/6J"
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. purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XIJO-Gold (Stratagene) cells and selected for ampicillin resistance." with adaptors complementary to the insert adaptors and

JOURNAL COMMENT SOURCE ORGANISM ACCESSION VERSION KEYWORDS RESULT 52 AZ343031 PEATURES REFERENCE DEFINITION TITLE AUTHORS Matches Query Match Best Local (source 5393 AAAAAAATACAAAAAAGAAA 5412 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads AZ343031 20 bp DNA linear GSS 25 1M0076F13F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0076F13 F, genomic survey sequence. 1 AAAAAAAAAAAAAAAAAAA 20 Class: plasmid ends
High quality sequence stop: 20.
Location/Qualiflers Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0076 row: F column: 13 Seq primer: CGTTGTAAAACGACGGCCAGT Tel: 801 585 5606 Fax: 801 585 7177 University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 20) Contact: Robert Unpublished (2000) plasmid inserts Mus musculus Mus musculus (house mouse) AZ343031.1 GI:10420861 Similarity . 308, USA Conservative (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNB42 (gi |473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and /lab host="B. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse_10kb plasmid_UUGCIM_library"/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson_was_obtai Laboratory Mouse DNA Resource organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" /db_xref="taxon:10090" /clone="UUGC1M0076F13" 0.3%; 0 Score 15.2; DB 1; Pred. No. 3.3e+02; Mismatches 0 DB 1; Length 20 . 8 Indels ŝ 2030 E., SLC, GSS 29-SEP-2000 0 S 0

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Mouse whole genome scaffolding with paired end reads from 10kb
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Res
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20 bp DNA linear GSS 2: 1M0077E20F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGCIM0077E20 F, genomic survey sequence.
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Insert Length: 10000 Std Erro
Plate: 0077 row: E column: 20
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Fax: 801 585 7177
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musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNA92 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                                                           /lab_host="E. Coli strain XL10-Gold, T1-resistant, F
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone="UUGC1M0077E20"
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AZ351273
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Italam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Nouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AZ351273 20 bp DNA linear GSS 29 1M0089B18F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGCIM0089B18 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. 1 (bases 1 to 20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0089 row: B column: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mus musculus (house mouse)
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                                          /lab host="R. Coli strain XL10-Gold, T1-resistant, P-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Wector: pWD42nv; Purified genomic DNA from M.
/note="Wector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was bytorodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi | 4732114 | gb | AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   db_xref="taxon:10090"
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Pred. No. 3.
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AUTHORS
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ORGANISM
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VERSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brror: 0.00
Plate: 0099 row: A column: 20
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Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mus musculus (house mouse)
Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 20)
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AZ357623.1 GI:10471335
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lgh quality sequence stop: 20.
Location/Qualifiers
was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD2 (gi|473214|gb|AF1290721), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.musculus_C57BL/6J_(male) was obtained_from_the_Jackson_Laboratory_Mouse_DNA_Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /db_xref="taxon:10090"
/clone="UUGC1M0099A20"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                organism="Mus musculus"
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Pred. No. 3.3e+02;
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Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 bp DNA linear GSS 02-OCT-20 1M0120024F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0120024 F, genomic survey sequence AZ369734
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High quality sequence stop: 20.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0120 row: O column: 24
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 801 585 5606
Pax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (bases 1 to 20)
was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"
/Clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                          (http://www.jax.org/resources/documents/dnares/).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 'sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      clone="UUGC1M0120024"
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85.0%;
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AZ386573
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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AZ386573.1 GI:10500273
GSS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0145 row: C column: 11
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCM library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Mus musculus"
/mol_type="qenomic DNA"
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/clone="UUGC1M0145C11"
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            'sex="Male"
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Pred. No. 3.3e+02;
0; Mismatches 3;
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SOURCE
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AZ396481
LOCUS
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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0161 row: K column: 02
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    High quality sequence stop: 20.
Location/Qualifiers
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWNA2 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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/mol_type="genomic DNA"
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Pred. No. 3.3e
0; Mismatches
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Query Match

Score 15.2;

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Insert Length: 10000 Std Error: (
Plate: 0174 row: B column: 06
Seq primer: CACACAGGAAACAGCTATGACC
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Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah Genome
University of Utah
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AZ405596.1 GI:10529609
GSS.
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20 bp DNA line
1M0174B06R Mouse 10kb plasmid UUGC1M library Mu
clone UUGC1M0174B06 R, genomic survey sequence.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 20)
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                                                              Laboratory Mouse DNA Resources
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwn22 (gil 473214|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
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adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab_host="B. Coli strain XL10-Gold, T1-resistant, P-"/Clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0174B06"
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0.3%;
85.0%;
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Query Match Best Local Similarity

Score 15.2; DB 1; Pred. No. 3.3e+02;

Query Match Best Local S Matches 17

ch 0.3%; l Similarity 85.0%; 17; Conservative

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Length 20; Indels

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Gaps

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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0236 row: B column: 1
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High quality sequence stop: 20.
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Pax: 801 585 7177
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                            Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
(http://www.jax.org/resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarone gel
electrophoresis. Vector DNA was prepared from a derivative
of pMM42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Score 15.2; DB 1;
Pred. No. 3.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0272 row: O column: 06
Seg primer: CGTTGTAAAACGACGGCCAGT
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Location/Qualifiers
Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XI10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0297 row: E column: 23
Seg primer: CGTTGTAAAACGACGGCCAGT
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Unpublished (2000)
Contact: Robert B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. Coli strain XL10-Gold, T1-resistatant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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'clone="UUGC1M0297E23"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  mol_type="genomic DNA"
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Score 15.2; DB 1; Pred. No. 3.3e+02;
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Matches Query Match Best Local :

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Conservative

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Mismatches

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Gaps

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Similarity

0.3%;

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VERSION KEYWORDS

AZ479464 AZ479464.1 GI:10638941 GSS.

1M0300P01F Mouse 10kb plasmid UUGCIM library Muclone UUGC1M0300P01 F, genomic survey sequence.

20 bp DNA linear GSS 04-OCT-200 smid UUGC1M library Mus musculus genomic

GSS 04-OCT-2000

ORGANISM

Mus musculus

Mus musculus (house mouse)

ACCESSION

DEFINITION AZ479464/c RESULT 531

REFERENCE

AUTHORS

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)

Mouse whole genome scaffolding with paired end reads from 10kb

COMMENT

Contact: Robert B. Weiss

University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg.,

20 S. 2030 B.,

SLC,

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JOURNAL TITLE

Unpublished

(2000)

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Matches
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Best Local
5393 AAAAAAATACAAAAAAGAAA 5412
                                                                                            1 Similarity
                                                                                                                                                                                                 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                    Score 15.2;
Pred. No. 3.
                                                                                               Mismatches
                                                                                                                          3.3e+02
                                                                                                                                                      DB 1; Length 20;
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5392 ТАЛАЛАЛАТАСАЛЛАЛАСА 5411

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REFERENCE
AUTHORS
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Matches 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 ine 100315C20F Mouse 10kb plasmid UUGC1M library Mu clone UUGC1M0315C20 F, genomic survey sequence. AZ486784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
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                                                                                                                         (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of purified gill / 472214 [gb] AFT297221), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/clone lib="Mouse 10kb plasmid UUGCHM library"/note="Vector: pw042nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 clone="UUGC1M0315C20"
                                                                                                         selected for ampicillin resistance.
                           0.3%;
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                        Score 15.2; DB 1
Pred. No. 3.3e+02
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PEATURES

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0300 row: P column: 01
Seq primer: CGTTGTAAACGACGGCCAGT
Class: plasmid ende

0.00

lass: plasmid ends igh quality sequence stop: 20. Location/Qualifiers

/lab_host="B. Coli strain XLIO-Gold, Tl-resistant, F-"/Clone_lib="Mouse_lokb_plasmid_UUGCiM_library"/note="Vector: pWp42nv; Purified_genomic_DNA_from_M.musculus_C57BL/6J_(male) was obtained_from_the_Jackson_musculus_C57BL/6J_(male) was obtained_from_the_Jackson_musculus_C57BL/6J_(male)

/clone="UUGC1M0300P01" /mol_type="genomic DNA" /strain="C57BL/6J" organism="Mus musculus"

db_xref="taxon:10090"

Laboratory Mouse DNA Resource

USA

source

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Location/Qualifiers
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University of Utah Genome Center
University of Utah
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1M0315D23F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
Clone UUGC1M0315D23 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0315 row: D column: 23
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                  was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pM942 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA and transformed into
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="B. Coli strain XLIO-Gold, Tl-resistant, F-"/Clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                          adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        clone="UUGC1M0315D23"
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/strain="C57BL/6J"
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                                                                                                                                                                                                                 selected for ampicillin resistance.
                                                                                                                               0.3%;
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                                                                                                                               Score 15.2; DB 1; Length 20; Pred. No. 3.3e+02;
                                                                                                        Mismatches
                                                                                                2;
3.3e+02;
3;
                                                                                                        Indels
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0336 row: E column: 05
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
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AZ498625.1 GI:10676657
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mus musculus (house mouse)
                                         АЛАЛАЛТАСЛАЛАЛАБАВА 5412
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                                                                                               Conservative
                                                                                                                                                                                      was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with 74 DNA polymerase and 74 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phsmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             'clone="UUGC1M0336E05"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sex="Male"
                                                                                                                 0.3%;
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Pred. No. 3.3e+02
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                                               5393 AAAAAAATACAAAAAAGAAA 5412
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0361 row: E column: 11
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           84112, USA
Tel: 801 585 5606
Pax: 801 585 7177
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University of Utah Genome Center
University of Utah
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AZ514729.1 GI:10696045
GSS.
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                                                                                                  Conservative
                                                                                                                                                                                          (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /lab host="B. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0361B11"
                                                                                                                     0.3%;
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                                                                                                                          Score 15.2;
Pred. No. 3.
                                                                                                     Mismatches
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Pax: 801 585 7177

Pax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error:

Plate: 0363 row: G column: 19

Seq primer: CGTTGTAAAACGACGGCCAGT
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Unpublished (2000)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        High quality sequence stop: 20
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84112, USA
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                                                                                                                                                                                                          was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Insert Length: 10000 Std Error: 0.00
Plate: 0363 row: F column: 11
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Tel: 801 585 5606
Fax: 801 585 7177
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Contact: Robert B. Weiss
University of Utah
University of Utah
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plasmid inserts
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Dunn,D., Avyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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AZ581208
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                        http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/mol_type="genomic DNA"
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/strain="C57BL/6J"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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Insert Length: 10000 Std Error: (
Plate: 0369 row: P column: 15
Seq primer: CACACAGGAAACAGCTATGACC
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
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/clone lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pW042nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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AZ588011 20 bp DNA linear GSS 1: 1M0396A13F Mouse 10kb plasmid UUGC1M library Mus musculus

GSS 13-DEC-2000

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RESULT 539 AZ588011

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AZ607328 20 bp DNA linear GSS 13 1M0429A14R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0429A14 R, genomic survey sequence.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insext Length: 10000 Std Error:
Plate: 0396 row: A column: 13
Plate: 0396 row: A column: 13
Seg primer: CGTTGTAAAACGACGGCCAGT
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, Whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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AZ588011
AZ588011.1 GI:11710297
GSS.
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Location/Qualifiers
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Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                     Conservative
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gil4732114|gb|AFT29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coll XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Pred. No. 3.3e+02;
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20 bp DNA linear GSS 13-DEC-200 IMA60K05R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0460K05 R, genomic survey sequence.
AZ623155
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0429 row: A column: 14
Seq primer: CACACAGGAAACAGCTATGACC
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Pax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Contact: Robert B. Weiss
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                   (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA o.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pM042 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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AZ623214 20 bp DNA linear GSS 13-DEC-200 IM0460L12R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0460L12 R, genomic survey sequence.
AZ623214 AZ623214.1 GI:11745404
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Fax: 801 585 7177
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Mouse whole genome scaffolding with paired end reads from 10kb
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Insert Length: 10000 Std Erro
Plate: 0460 row: K column: 0:
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University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
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ACCESSION VERSION

AZ643992 AZ643992.1

GI:11772092

AZ643992 LOCUS DEFINITION

AZ643992 20 bp DNA linear GSS 14-DEC-200 1M0507D18R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0507D18 R, genomic survey sequence.

RESULT 543

KEYWORDS

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KEYWORDS
SOURCE
ORGANISM
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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Plate: 0460 row: L column: 12
Seg primer: CACACAGGAAACAGCTATGACC
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
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Fax: 801 585 7177
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                                                                                                        Conservative
                                                                                                                                                                                                was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of push preparative acopy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
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                                                                                                                              0.3%;
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                                                                                                                                 Score 15.2; DB 1; Length 20; Pred, No. 3.3e+02;
                                                                                                        Mismatches
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Pax: 801 585 7177

Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0

Plate: 0507 row: D column: 18

Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
A2645829 20 bp DNA line lM0511D03R Mouse 10kb plasmid UUGCIM library Mu clone UUGCIM0511D03 R, genomic survey sequence. A2645829 A2645829.1 GI:11775703 GSS.

Mus musculus (house mouse)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus

1 (bases 1 to 20)

Partorn M. Bearonn. T. Duval, B., Hamil, C.,
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High quality sequence stop: 20.
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PM942nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
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AZ650271
Mus musculus (house mouse)
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Unpublished (2000)
Contact: Robert B. Weiss
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                                                                                   AZ650271.1 GI:11784588
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Insert Length: 10000 Std Error: 0.00
Plate: 0511 row: D column: 03
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Fax: 801 585 7177
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
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ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWN2 (gi|4732114|gb|AFT297221), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 3.3e+02;
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0
Plate: 0520 row: C column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                             20 bp DNA linear GSS 16-FEB-201 1M0554A24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0554A24 R, genomic survey sequence. AZ760838 AZ760838.1 GI:12869112 GSS.
                                                                  GSS.
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Nouse whole genome scaffolding with paired end reads from 10kb
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                        Mus musculus
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Similarity
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                                                musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynuclectide kinase. Adaptor oligonuclectides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        and selected for ampicillin resistance."
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/strain="C57BL/6J"
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ACCESSION VERSION SOURCE

AZ764504

KEYWORDS

GSS.

ORGANISM

Mus musculus

Mus musculus (house mouse) AZ764504.1 GI:12879535

Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Rodentia;

Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus

DEFINITION

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AZ764504 20 bp DNA linear GSS 16-FEB-20 1M0560M02R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0560M02 R, genomic survey sequence.
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Insert Length: 10000 Std Error: (
Plate: 0554 row: A column: 24
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Location/Qualifiers
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Unpublished (2000)
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                              musculus CS7BL/6U (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 3.3e+02;
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20 bp DNA line
1M0562H04F Mouse 10kb plasmid UUGC1M library Mu
clone UUGC1M0562H04 F, genomic survey sequence.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 20)
                                                                                                                                                       AZ765211
AZ765211.1 GI:12880970
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High quality sequence stop: 20.
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Insert Length: 10000 Std Brror: 0.00
Plate: 0560 row: M column: 02
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                 Mus musculus
                                                                                                      Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWH42 (gi|4732114|gb|AF12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
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Pred. No. 3.
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UUGC1M library Mus musculus genomic
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. 3.3e+02;
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                AZ772091
AZ772091.1 GI:12895040
GSS.
                                                                                                                                                                                                                     1M0574A13R Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC1M0574A13 R, genomic survey sequence.
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Unpublished (2000)
                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 20)
                                                                                                 Mus musculus (house mouse)
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University of Utah Genome Center
University of Utah
Dunn, D., Aoyagi, A.,
                                                                                                                                                                                                                                                                            AZ772091
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Location/Qualifiers
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Insert Length: 10000 Std Err
Plate: 0562 row: H column: 0
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Fax: 801 585 7177
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USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /lab host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwn42 (gil4732114 gblAF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Barber, M.,
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Pred. No. 3.3e+02
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  Beacorn, T., Duval, B., Hamil, C.,
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Insert Length: 10000 Std Error: 0.00
Plate: 0574 row: A column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
Dunn, D., Aoyagi, A., Barber, M., Beac Islam, H., Longacre, S., Mahmoud, M.,
                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus (bases 1 to 20)
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AZ779425.1 GI:12910066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"/Clone lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Pred. No. 3.3e+02;
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                             Beacorn, T.,
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    Meenen, E., Pedersen, T.,
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                           Duval, B.,
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                                                        AUTHORS
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleosto Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; 1 (bases 1 to 20)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
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Insert Length: 10000 Std Error: 0.00
Plate: 0015 row: M column: 18
Seq primer: CACACAGGAAACAGCTATGACC
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Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                        AZ784041 20 bp DNA linear GSS 16-FEB-20 200026B21F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Unpublished (2000)
                                                                                                                                                     Mus musculus
                                                                                                                                                                                                                                AZ784041.1 GI:12919375
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Fax: 801 585 7177
                                                                                                                                                                                 Mus musculus (house mouse)
                                                                                                                                                                                                                                                                              clone UUGC2M0026B21 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              lass: plasmid ends
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                       Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus
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Best Local Similarity
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. (bases 1 to 20)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                             AZ793467

20 bp DNA linear GSS 16-FEB-2002M0046C16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0046C16 R, genomic survey sequence.
                                                                                                                                                                                        Mus musculus
                                                                                                                                                                                                                                              GSS.
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AZ793467.1 GI:12938450
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Insert Length: 10000 Std Erro
Plate: 0026 row: B column: 2:
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Fax: 801 585 7177
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University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                              Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Seq primer: CGTTGTAAAACGACGGCCAGT
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pw042nv, burified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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/strain="C57BL/6J"
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85.0%;
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Pred. No. 3.3e+02;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus. 1 (bases 1 to 20)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Scd Erry
Plate: 0046 row: C Column: 16
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Unpublished (2000)
Contact: Robert B.
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High quality sequence stop: 20.
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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/(clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Vector: PMD42nv; Purified_genomic_DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse_DNA Resources
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWR92 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        plasmid inserts
Unpublished (2000)
Contact: Robert B. We
University of Utah Ge
University of Utah
Rm. 308, Biomedical F
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                       Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
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Insert Length: 10000 Std Erro
Plate: 0055 row: G column: 19
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 20)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone UUGC2M0066L14 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ805163 20 bp DNA linear GSS 20-FEB-200 200066L14F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
plasmid inserts
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                                                                                                                                                                                                                                                                                                                       musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Laboratory Mouse DNA Resources (documents / dnares). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gil 4732114 [gb] AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and callected for amount in the series of the collected for amount in the collected for th
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 3.3e+02;
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Fax: 801 585 7177
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   Unpublished
                                 plasmid inserts
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JOURNAL COMMENT
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Local Similarity 85.0%;
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                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 20)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                            AZ806521 20 bp DNA linear GSS 20-FBB-20-200068C08R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC2M0068C08 R, genomic survey sequence.
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Insert Length: 10000 Std Err
Plate: 0066 row: L column: 1
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Mouse whole genome scaffolding with paired end reads from 10kb
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD421v; Purified genomic DNA from M.
/note="Vector: /~7 /~~10) was obtained from the Jackson
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strain="C57BL/6J"
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Insert Length: 10000 Std Error: |
Plate: 0068 row: C column: 08
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                               AZ806585
AZ806585.1 GI:12970081
GSS.
                                                                                                                                                                                                                                                                                                                                                                                                          2M0068C15R Mouse 10kb plasmid clone UUGC2M0068C15 R, genomic
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Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah Genome
University of Utah
Rm. 308, Biomedical Polyn
                     plasmid inserts
Unpublished (2000)
  Contact: Robert B. Weiss
                                                                           Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                  musculus
                                                                                                                                                                                                                                                                                                          musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 bb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coil XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /lab_host="E. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone="UUGC2M0068C08"
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/strain="C57BL/6J"
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Pred. No. 3.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                             genomic survey sequence.
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UUGC1M library Mus musculus
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plasmid inserts
(npublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
                                                                                                                                                                      Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                             Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
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High quality sequence stop: 20.
Location/Qualifiers
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Insert Length: 10000 Std Error: 0.00
Plate: 0068 row: C column: 15
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Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Laboratory Mouse DNA Resource
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/clone="UUGC2M0068C15"
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strain="C57BL/6J"
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Unpublished (2000)
Contact: Robert B. W
University of Utah C
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Insert Length: 10000 Std Error:
Plate: 0073 row: D column: 15
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Tel: 801 585 5606
Fax: 801 585 7177
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Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                   Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D. Weiss, R. Mouse whole genome scaffolding with paired end reads from
                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
                                                                                                                                                                                                                                                                                                                                                        Mus musculus
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AZ810986.1 GI:12978793
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0073D15"
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                                                                                                                                          Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welss, R.
Mouse, whole genome scaffolding with paired end reads from 10kb
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                             2M0081F21F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC2M0081F21 F, genomic survey sequence.
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Tnsert Length: 10000 Std Error:
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Fax: 801 585 7177
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                                                                                                  plasmid inserts
Unpublished (2000)
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                                                                        Contact: Robert B.
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strain="C57BL/6J"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
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Insert Length: 10000 Std Error: 0.00
Plate: 0081 row: P column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Fax: 801 585 7177
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/clone="UUGC2M0081F21"
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/strain="C57BL/6J"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Seq primer: CACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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milarity 85.0%; I
Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phsmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
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Pred. No. 3.3e+02;
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                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.

Nouse whole genome scaffolding with paired end reads from 10kb
                                                                 University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Res
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ817467 20 bp DNA linear GSS 20 200086J15R Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0086J15 R, genomic survey sequence.
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Location/Qualifiers
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Plate: 0086
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                           Contact: Robert B.
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/strain="C57BL/6J"
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Plate: 0086 row: J column: 15
Seg primer: CACACAGGAAACAGCTATGACC
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Resu
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Location/Qualifiers
                                     Tel: 801 585 5606
Pax: 801 585 7177
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Email: ddunn@genetics.utah.edu
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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strain="C57BL/6J"
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'clone="UUGC2M0086J15"
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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AZ818489.1 GI:12988397
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2M0088K01R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0088K01 R, genomic survey sequence.
AZBIBARO
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                                              Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                       Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 20)
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ddunn@genetics.utah.edu
Length: 10000 Std Error: 0.00
                                                                                             USA
                                                                                                                      Biomedical
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
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/clone="UUGC2M0087K08"
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/strain="C57BL/6J"
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Pred. No. 3.3e+02;
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AZ818816/c
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                                                                                                                                                                                                                                                                                                          plasmid inserts
Unpublished (2000)
Contact; Robert B. Weiss
University of Utah Genome Center
University of Utah
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1 (bases 1 to 20)
1 (bases 1, to 
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0089 row: M column: 05
                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mouse whole genome scaffolding with paired end reads from 10kb
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AZ818816.1 GI:12988724
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWR942 (gi[4732114]gb[AF129072.1], a copy-number
inducible derivative of plassmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XII0-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic num"
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/strain="C57BL/6J"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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2M0132K13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0132K13 R, genomic survey semianna
                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0132 row: K column: 13
                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                            Unpublished (2000)
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ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
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adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Cold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0089M05"
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clone_lib="Mouse 10kb plasmid UUGC1M library"
note="Vector: PWD42nv, Purified genomic DNA from M.
     CACACAGGAAACAGCTATGACC
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                                                      Std Error: 0.00
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Best Local Similarity 85.0%;
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High quality sequence stop: 20.
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AZ841342 20 bp DNA linear GSS 20 2M0139H16F Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0139H16 F, genomic survey sequence.
Email: ddurn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0139 row: H column: 16
Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                University of Utah
University of Utah
                                                                                                                                                                                                                                                  Contact: Robert B.
                                                                                                                                                                                                                                                                      Unpublished (2000)
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                         Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0

Plate: 0139 row: A column: 10

Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah
Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,
                                                                                                                                                                                                                                                                                                                                 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedergen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads
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Unpublished (2000)
Class: plasmid ends
High quality sequence stop: 20.
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/strain="C57BL/6J"
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/clone="UUGC2M0139H16"
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    Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
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University of Utah
University of Utah
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Pax: 801 585 7177
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Genome Center
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid Rl. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone 11b="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42Tv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
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Score 15.2; DB 1; Length 20; Pred. No. 3.3e+02; Mismatches 0, 0

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. AZ849506 20 bp DNA linear GSS 21-FEB-200 2M0150P21R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0150P21 R, genomic survey sequence. Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: 0.00 Plate: 0150 row: P column: 21 Seq primer: CACACAGGAAACAGCTATGACC Mouse whole genome scaffolding with paired end reads from 10kb Biomedical Polymers Research Bldg., 20 S. 2030 B., SLC,

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AUTHORS
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                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0163 row: 0 column: 03
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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2M0163003F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0163003 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (bases 1 to 20)
                                                   High quality sequence stop: 20
                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                           Unpublished (2000)
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                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                                                                                                                  Biomedical Polymers Research Bldg., 20 S. 2030
                     Location/Qualifiers
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/strain="C57BL/6J"
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                                                                                                                                                      Std Error: 0.00
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AZ858419
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Matches 17
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                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0163 row: 0 column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
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17; Conserv
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Unpublished (2000)
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                                                                                                                                                                                                                                         Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mouse whole genome scaffolding with paired end reads from 10kb
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/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
/organism="Mus musculus"
                                               Location/Qualifiers
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/mol_type="genomic DNA"

/strain="C57BL/6J"
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                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Inmert Length: 10000 Std Error: (
Plate: 0.193 row: G column: 23
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                          Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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GSS.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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organism="Mus musculus"
/mol_type="genomic DNA"
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/strain="C57BL/6J"
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Pred. No. 3.3e+02;
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(npublished (2000)
(Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads
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2M0212I02R Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0212I02 R, genomic survey sequence.
                                                                                                        High quality sequence stop: 20.
Location/Qualifiers
                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0212 row: I column: 02
Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
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/strain="C57BL/6J"
                       /organism="Mus musculus"
/mol_type="genomic DNA"
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/clone="UUGC2M0193G23"
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Pred. No. 3.3e+02;
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2M0233J01F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0233J01 F, genomic survey sequence.
                                                                                                                                                                                                                                        Plate: 0233 row: J column: 01
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0233 row: J column: 01
                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah
Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                             High quality sequence stop: 20.
                                                                                                                                                                                                      Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: pWh92nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
                           /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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db_xref="taxon:10090"
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95.0%; Pred. No. 3.3e+02; 
ive 0; Mismatches 3; Indels
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TITLE
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Query Match
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CL680297
                                                                                                                                                                                                                                                                                                                                                                                                Max-Planck-Institute for Developmental Biology
Spemannstr. 37-39, Tuebingen D-72076, Germany
Tel: 00497071601371
Fax: 00497071601498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pristionchus pacificus
Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.
                                                                                                                                                                                                                                                                                                                            Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech,
sequenced at Vancouver, Canada.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pristionchus pacificus
Nucleic Acids Res. 32 (1), D421-D422 (2004)
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GSS.
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/lab host="B. coli strain XL10-Gold, T1-resistant, F-"
/lab host="B. coli strain XL10-Gold, T1-resistant, F-"
/clone libs-mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
                                               /note="Vector: pEpifos-5 Fosmid vector"
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/clone_lib="Mixed stage
var. California"
                                                                                                                                                /organism="Pristionchus
/mol_type="genomic DNA"
/strain="California"
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Pred. No. 3.3e+02;
Score 15.2;
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                                                                                                      fosmid library of
                                                                                                                                                                                                    pacificus*
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DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
mes 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                           5402 CAAAAAAGAAAAATGAAAA 5421
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                                                                                                                                                Homo sapiens (human)
Homo sapiens
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 21)
1 (bases 1 to 21)
1 (bases 1 to 21)
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                                                                                                                                                                                                                                                                                                DKFZp566P1346 rl 566 (synonym: DKFZp566P1346, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 21)
                                                Ingolstaedter Landstr.1, D-85764 Neuherberg,
Location/Qualifiers
                                                                                              Contact: MIPS
                                                                                                           EST (Ottenwaelder, et al.)
Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                AL038839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany
Location/Qualifiers
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Unpublished (1999)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AL038582.1 GI:49682163
                                                                                                                                             Wiemann, S.
                                                                                                                                                                                                                                                                   AL038839.1 GI:49682218
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="mRNA"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="bkFzp56670946"
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/dev_stage="fetal"
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/lab_hoste="xl-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pamPl; Site_1: NotI; Site_2: SalI"
/organism="Homo sapiens"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 15.2; DB 1;
Pred. No. 3.4e+02;
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0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                              21 bp
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. 3.4e+02;
3;
                                                                                                                                                                                                                                                                                                              hfkd2) Homo sapiens
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RESULT 579
BX556006/c
LOCUS
DEFINITION

BX556006 Glossina morsitans morsitans adult infected

EST 10-OCT-2003

gut Glossina

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REFERENCE
AUTHORS
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ORGANISM
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AL587702/c
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Best Local Similarity
Matches 17; Conserva
                                            Query Match
Best Local Similarity
Matches 17; Conserv
                      5396 AAAATACAAAAAAGAAAAAAT 5416
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21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gallus gallus (chicken)
Gallus gallus
                                                                                                                                                                                                                                                                                                                                                                                            BP Chicken Brain Library Unpublished (2001)
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Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
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                                                                                                                                                                                                                                                                       Seq primer: M13F.
                                                                                                                                                                                                                                                                                                                                               Roslin Institute
Roslin, Midlothian,
                                                                                                                                                                                                                                                                                                                                                                     Dept. Genomics and Bioinformatics
                                                                                                                                                                                                                                                                                                                                                                                  Contact: Frazer Murray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ROSO60H09, mRNA sequence.
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                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                        /clone="DKPZp566P1346"
/tlesue_type="%idney"
/dev_stage="fetal"
/dev_stage="fetal"
/lab host="%x1-2blue"
/clone_1lb="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: NotI; Site_2:
                                                                                                                                                                                                /mol_type="mRNA"
/db_xref="taxon:9031"
/clone="ROS060H09"
                                                                                                                                                                                                                                   organism="Gallus gallus"
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                                           Score 15.2; DB 1;
Pred. No. 3.4e+02;
0; Mismatches 4;
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Pred. No. 3.
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MEDLINE
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Best Local Similarity
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                                                                    TITLE
                                                                                                      AUTHORS
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                                  Hamilton, J., Soares, M.B., Bonaldo, M.F., Lehane, S. and Hall, N. Adult midgut expressed sequence tags from the tsetse fly Glossina morsitans morsitans and expression analysis of putative immune response genes
                                                                                                                                  Glossina morsitans morsitans kapada; Insecta; Pterygo Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygo Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha; Hippoboscoidea; Glossinidae; Glossina.
                                                                                                                                                                                                                                                                       BX558161 21 bp mRNA linear EST 10-BX558161 Glossina morsitans morsitans adult infected gut Gl morsitans morsitans cDNA clone Tse37a05_plc, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pathogen Sequencing Unit
The Sanger Institute The Wellcome Trust Genome Campus
Hinxton, Cambridge, CB10 1SA, UK
Request for clones, please contact: Mike Lehane
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                uenane, M.J., Aksoy, S., Gibson, W., Kerhornou, A., Berriman, M., Hamilton, J., Soares, M.B., Bonaldo, M.F., Lehane, S. and Hall, N. Adult midgut expressed sequence tags from the tsetse fly Glossina morsitans morsitans and expression analysis of putative immune response general
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Bukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Hippoboscoidea; Glossinidae; Glossina.
                response genes
Genome Biol. 4 (10), R63 (2003)
                                                                                                                                                                                                                              BX558161.1 GI:33429302
EST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Wales,
Bangor LL57 2UW
All clones with suff
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EST.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Hall N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14519198
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                                                                                                                      (bases 1 to 21)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone="Tse24c09_plc"
/tissue_type="adult infected gut"
/clone_lib="Glossina morsitans morsitans adult infected
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       note="country: Zimbabwe; BST from adult gut infected
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        organism="Glossina morsitans
(mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sub_species="morsitans"
db_xref="taxon:37546"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ocation/Qualifiers
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Pred. No. 3.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           School of Biological Sciences,
University of Wales,
Bangor LL57 2UW
                                                                                                                                                                                                                            Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EST
                                                                                                                                                                                                                                                                                                              Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CF276638.1 GI:33654024
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                                                                                                                                                                                        bhnahm@ggbio.com, bhn
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /clone="Tse37a05_plc"
/tissue_type="adult infected gu
/clone_lib="Glossina morsitans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    note="country:
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/sub_species="morsitans"
/db_xref="taxon:37546"
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Pred. No. 3
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Contact: Hall N
Contact: Hall N
Pathogen Sequencing Unit
Pathogen Sequencing Unit
The Sanger Institute The Wellcome Trust Genome Campus
The Sanger Institute The Wellcome Trust Genome Campus
Hinxton, Cambridge, CB10 18A, UK
Request for clones, please contact: Mike Lehane
Prof. M.J. Lehane
Prof. M.J. Lehane
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               All clones with suffix qlc are reverse primer reads starting at 5' end of the cDNA all plc reads are from the 3' end.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Wackdong"
/db_xref="taxon:39947"
/clone="14ETL--01-N19"
/tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="Rice etiolated leaf plasmid cDNA library
(14ETL)"
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RESULT 583
CF318152/c
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CF311914/c
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AUTHORS
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Best Local Similarity
Matches 17; Conserv
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JOURNAL
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CP318152
21 bp mRNA linear EST 15-AUG HD--08-C11.bl OsHDAC1-overexpressing transgenic rice plasmid cllibrary (HD) Oryza sativa (japonica cultivar-group) cDNA clone HD--08-C11, mRNA sequence.

CP318152
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oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc., Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
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CF311914.1 GI:33683675
EST.
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Unpublished (2003)
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                            /note="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"
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/db_xref="taxon:39947"
/clone="ABF--07-G07"
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|mol_type="mRNA"
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Pred. No. 3.4e+02;
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LOCUS
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ORGANISM
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Best Local S
Matches 17
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                                                                                  Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 21)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, Y.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CP319122 21 bp mRNA linear EST 15-AUG-
HD--09-107.gl OBHDAC1-overexpressing transgenic rice plasmid cl
library (HD) Oryza sativa (japonica cultivar-group) cDNA clone
HD--09-107, mRNA sequence.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Oryza sativa (japonica cultivar-group)
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Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggblo.com, bhna
Location/Qualifiers
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/dev_gtage="proliferated callus on 2N6 media for 2 weeks"
/lab_nost="E.coli DH10B"
/clone_lib="0sHDAC1-overexpressing transgenic rice plasmid cDNA_library_(HD)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="Vector: pCR4-TOPO; Site_1: ECORI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mol_type="mRNA"
/cultivar="Nackdong"
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/clone="HD--08-C11"
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Pred. No. 3.4e+02;
                    bhnahm@bio.myongji.ac.kr
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 21)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                        Plate: 0082 row: O column: 02
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0082 row: O column: 0:
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
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                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Biomedical
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                                                                                                                                                        /db_xref="taxon:10090"
/clone="UUGC1M0082O02"
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|mol_type="mRNA"
|cultivar="Nackdong"
                                                                                                                                                                                                        /mol_type="genomic DNA"
/strain="C57BL/6J"
(http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                       /sex="Male"
                                                                                                                                                                                                                                                      organism="Mus musculus"
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lab_host="E.coli DH10B"
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'clone="HD--09-I07"
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Pred. No. 3.4e+02;
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pymPA2 (gil 473214|gb|AFT29072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and numer annealed to
purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance."
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Query Match
Best Local S
Matches 17
5401 ACAAAAAAGAAAAAATGAAA 5420
                                    Similarity
                            Conservative
                                    0.3%;
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                                     Score 15.2; DB 1;
Pred. No. 3.4e+02;
                            Mismatches
                                    3.4e+02;
                            Indels
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21 AAAAAAAAGAAAGAAAGAAA 2

JOURNAL COMMENT REFERENCE AUTHORS ACCESSION VERSION KEYWORDS RESULT 586 AZ461824 SOURCE ORGANISM DEFINITION **Bource** Insert Length: 10000 Std Error: (
Plate: 0267 row: B column: 23
Seq primer: CACACAGGAAACAGCTATGACC Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads plasmid inserts Unpublished (2000) Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 21) 1M0267B23R Mouse 10kb plasmid UUGCIM library Muclone UUGC1M0267B23 R, genomic survey sequence. Tel: 801 585 5606 Fax: 801 585 7177 University of Utah Genome Center University of Utah Mus musculus AZ461824.1 GI:10619949 High quality sequence stop: 21. Class: plasmid ends Email: ddunn@genetics.utah.edu 84112, Contact: Robert B. Mus musculus (house mouse) 308, USA Biomedical Polymers Research Bldg., /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource mol_type="genomic DNA" strain="C57BL/6J" ocation/Qualifiers clone="UUGC1M0267B23" db_xref="taxon:10090" organism="Mus musculus" Weiss Std Error: 0.00 21 bp bp DNA linear GSS 04-OCT-20 20 S. 2030 E., GSS 04-OCT-2000 SLC, Ş

(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through

Matches

Conservative

0; Mismatches Score 15.2; DB 1; Pred. No. 3.4e+02;

DB 1; 3

Length 21;

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Query Match Best Local Similarity

0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymeleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XI10-Gold (Stratagene) cells and selected for ampicillin resistance."

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                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606

Fax: 801 585 7177

Email: 6dunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0328 row: C column: 11

Seg primer: CACAAGGAAACAGCTATGACC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
Contact: Robert B.
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
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                                                                                             /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /notes-"Vector: pW1042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                            /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA
                                                                      Laboratory Mouse DNA Resource
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RESULT 589 AZ381798/c

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21 bp DNA linear PRIO160a.BR (21) Note: Recurring String Mixed stage fosmid library of P. pacificus var. California Pristionchus carificus denomic, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Srinivasan, J., Otto, G.W., Kahlow, U., Geisler, R. and Sommer, R.J. AppaDB: an AcedB database for the nematode satellite organism Pristionchus pacificus
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This library was generated at Caltech, Pasadena, USA and
sequenced at Vancouver, Canada.
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Class: fosm
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Similarity 85.0%;
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                                                                                                                                                                                                                                                                                                                                                                                     fosmid ends.
                                                                                                                                                                                               /clone lib="Mixed stage fosmid library of P.
var. California"
                                                                                                                                                                                                                                         /organism="Pristionchus pacificus"
/mol type="genomic DNA"
/mol type="genomic DNA"
/strain="California"
/strain="California"
/db_xref="taxon:54126"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                                          /note="Vector: pEpifos-5
                                                                                                                                                                                                                                                                                                                                                      location/Qualifiers
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                                                                                                       Score 15.2; DB 1;
Pred. No. 3.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 15.2; DB 1;
Pred. No. 3.4e+02;
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                                                                                                                                                                              Fosmid vector"
                                                                                                                             Length 21;
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1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0138 row: G column: 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ381798 19 bp DNA linear GSS 02-OCT-200100138G01R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0138G01 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mus musculus
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                                                                                                                                                                                                    CCCCACCACCACCCA 1284
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                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                           was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of photocompleted vector DNA was prepared from a derivative of photocompleted vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse_10kb_plasmid_UUGC1M_library"
/note="Vector: pWD42Tnv; Purified_genomic_DNA_from_M.
musculus_C57BL/6J (male) was obtained_from_the_Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               'clone="UUGC1M0138G01"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
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                                                                                                                                                                                                                                                                                       0.3%; Score 15;
100.0%; Pred. No.
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  19
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3.3e+02;
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  mRNA
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  linear
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; Murinae; Mus.
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                                                        KEYWORDS
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Best Local Similarity 88.9%;
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Rational Institutes of Health, Mammalian Gene Collection (MGC)

National Institutes of Health, Mammalian Gene Collection (MGC)

Cherist (1999)

Other ESTs: 2821119.5prime

Contact: Robert Strausberg, Ph.D.

Email: cgapbs-remail.nih.gov

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling

Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing

project Clone distribution: MGC clone distribution information can

be found through the I.M.A.G.E. Consortium/LLNL at:

www.bio.llnl.gov/bbrp/image/image.html Base Calling / Quality

Scores: PHRED from University of Washingtion Genome Center:

Trimming: cross match from University of Washingtion Genome Center:

Trimming: cross match from University of Washingtion Genome Center:

PHRED high quality bases following vector sequence: 7 contiguous

puality Sequence: Trace file contained 19 contiguous distinct peaks

following vector sequence. Polyadenylation: Based upon the presence

of a XhoI site followed by a run of 14 or more T residues at the

beginning of the sequence, this CDNA insert was polyadenylated.

Plate: LLCM5 row: P column: 16

High quality sequence stop: 7.

1. 19
                                                                                                                                                                                                                                                                                                                                                                                                                                   5393 AAAAAAATACAAAAAGA 5410
                                                                                                                                                                                                                                                                                                                                                                                18 AAAAAAATAAAAAAAAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16;
                                                                                                                                                                   CF334610 19 bp mRNA linear EST 18-AUG-
JMT--03-P13.b1 AtJMT-overexpressing transgenic rice plasmid cDNI
library (JMT) Oryza sativa (japonica cultivar-group) cDNA clone
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 19)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
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                                                                                      CF334610.1 GI:33817556
                                                                                                                                           JMT--03-P13, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /tisue_type="mail cell carcinoma"
/tisue_type="mail cell carcinoma"
/cell line="MGC3"
/lab host="DH10B (phage-resistant)"
/lab host="DH10B (phage-resistant)"
/clone lib="NIH MGC 7"
/clone lib="NIH MGC 7"
/note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site_2:
ECORI, CDNA made by oligo-dT priming. Directionally
cloned into ECORI/XhoI sites using the following 5;
adaptor: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 14.8; DB 1;
Pred. No. 3.4e+02;
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Length 19;

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EST 18-AUG-2003

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AZ345795
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Best Local Similarity
Matches 16; Conserv
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Tel: 801 585 5606

Pax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0

Plate: 0080 row: H column: 09

Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18 AATAAAAAAAAAAAAAA 1
                                                                                                                                                                                                                                                                                                                    Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                       Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 19)
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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AZ345795.1 GI:10425032
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                                                                                                                                                                                                                                                                            Unpublished (2000)
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                                                                                                                                                                                                                                                                                                      plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Nahm B.H.
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82 31 330 6193
82 31 321 6355
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Location/Qualifiers
                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopais Jasmoinate Carboxyl methyltransferase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /dev stage="14 days after germination"
/lab_nost="E.coli DH10B"
/clone lib="AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT)"
                                                                                                                                                                                          Biomedical
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|mol type="mRNA"
|cultivar="Nackdong"
|/db xref="taxon:39947"
|/clone="JMT--03-P13"
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Pred. No. 3.4e+02;
                                                                      Std Error: 0.00
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AZ513919/c
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Best Local Similarity
Matches 16; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ513919 19 bp DNA linear GSS 05-OCT-200 1M0360E13F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0360E13 F, genomic survey sequence.
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0360 row: E column: 13
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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Unpublished (2000)
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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Location/Qualifiers
                                                                                                                                                    Tel: 801 585 5606
Pax: 801 585 7177
                                                                                                                                                                                                                                                                                                        Contact: Robert B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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strain="C57BL/6J"
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Pred. No. 3.4e+02;
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                                                                                       Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0520 row: N column: 17
                                            Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
                                                                                                                                                                                                                            Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                  Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weise,R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19) punn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
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AZ650252.1 GI:11784550
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Location/Qualifiers
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/clone="UUGC1M0360E13"
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/strain="C57BL/6J"
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                                              Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0520 row: P column: 13
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                            Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1M0520P13R Mouse 10kb plasmid \overline{UUGC1M} library Mus musculus genomic clone \overline{UUGC1M0520P13} R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
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                       High quality sequence stop: 19.
                                                                                                                                                                         Tel: 801 585 5606
Pax: 801 585 7177
                                                                                                                                                                                                                                                                           University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                            Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                            plasmid inserts
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                                                                                                                                                                                                                            84112,
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                                                                                                                                                                                                                                                    308,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phsmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                    Biomedical
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Location/Qualifiers
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/strain="C57BL/6J"
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clone="UUGC1M0520N17"
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Pred. No. 3.4e+02;
                                                                                                                             Std Error: 0.00
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AZ766990
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VERSION
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Best Local Similarity
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                               Bource
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                                                                                                                                                                                                                                                84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rockes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
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19 bp DNA linear GSS 16-FEB-200
1M0564H19R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0564H19 R, genomic survey sequence.
                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0564 row: H column: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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                                                                                                              ass: plasmid ends
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                                                                                 quality sequence stop: 19.
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynuclectide kinase. Adaptor oligonuclectides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol type="genomic DNA"
/strain="C57BL/6J"
/db xxef="taxon:10090"
/clone="UUGC1M0520P13"
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/organism="Mus musculus"
                                                    Location/Qualifiers
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Pred. No. 3.4e+02;
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Best Local
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Eukaryota; Fungi; Ascomycota; Pneumocystidomycetes;
Pneumocystidaceae; Pneumocystis.
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AW333777.1 GI:6830134
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S25H10 AGS-1 Pneumocystis carinii cDNA
                                                                                                                                                                                                                                                                                                                                                                       Tel: 606 257 2161
Fax: 606 257 1717
                                                                                                                                                                                                                                                                                                                                                                                                                           School of Biological Sciences
University of Kentucky
101 Morgan Building, Universit
40506-0225, USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pneumocystis carinii
                                                                                                                                                                                                                                                                                                                      Email: staben@pop.uky.edu.
Location/Qualifiers
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/clone lib="AGS-1"
/note="Vector: Lambda ZAP II; Site_1: EcoRI; Site_2:
/note="Vector: Lambda ZAP II; Site_1: EcoRI; Site_2:
P. Carinii organisms (3x10e9) from a single rat (99-1)
sacrificed on 3/17/99) at Cincinnati VA facilities-1
Trizol extracted RNA. Oligo dT priming, standard
conditions described by vendor, Stratagene. Further
details see www.uky.edu/Project/Pneumocystis/"
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                                                                                                                                                                                      /organism="Pneumocystis carinii"
/mol type="mRWA"
/db xref="taxon:4754"
/lab_host="B. coli"
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0564H19"
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CDNA 3', mRNA sequence.
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Best Local Similarity
Matches 16; Conserv
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                                                                                  Local Similarity
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                                                                  16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Risk of contamination by bacterial sequences from obligatory (Buchnera) or facultative endosymbionts. These sequences were obtained in the frame of the International Consortium of Aphid Genomics in collaboration with Genoscope
PCR PRimers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota; Meoptera; Parameoptera; Hemiptera; Stermorthyncha; Aphidiformes; Aphidoidea; Aphididae; Macrosiphini; Acyrthosiphon.

1 (Dases 1 to 20)

Hunter, W., Martinez-Torres, D., Rahbe, Y., Sabater-Munoz, B., Stern, D., Tagu, D. and Wincker, P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          UMR BiO3P, BP 35327, F
Tel: +33.2.23.48.51.65
Fax: +33.2.23.48.51.50
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EST.
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CN754148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FORWARD: CAGGAAACAGCTATGACC
Plate: 12 row: G column: 12.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unpublished (2004)
Contact: D. Tagu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   An expressed sequence tags database for the pea aphid Acyrthosiphon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Acyrthosiphon pisum
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                                                                                                                                 /note=Tvector: pBS-SK minus; Site 1: EcoRI; Site 2: XhoI; Sample name: IDOAAA; Plant growth place: Department of Ecology & Evolutionary Biology, Princeton University; Soil conditions: Soil; Sowing date: 01/06/1999; Harvesting date: 01/06/1999; Stress date: no stress; Description: Aphids inoculated on one-week old Vicia faba under non-sterile conditions. All parthenogenetic stages and both winged and wingless adults were collected for library construction.; experimental condition: long photoperiod (16-hr light/8-hr dark at 18 c) "
                                                                                                                                                                                                                                                                                                                           /tissue_type="whole insect"
/dev_stage="nymphs and adults (parthenogenetic females)"
/lab_host="XII-Blue"
                                                                                                                                                                                                                                                                                           /clone_lib="Apr
                                                                                                                                                                                                                                                                                                                                                                                                                  /mol_type="mRNA"
/cultivar="developmentstage"
                                                                                                                                                                                                                                                                                                                                                                                 clone="IDOAAA12AG12"
                                                                                                                                                                                                                                                                                                                                                                                                     db xref="taxon:7029"
                                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="Acyrthosiphon pisum"
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                                                                                  84.2%;
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Pred. No. 3.6e+02;
0; Mismatches 2;
                                                                                  Score 14.8;
Pred. No. 3.
                                                                    Mismatches
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                                                                                    3.6e+02
                                                                                                   DB 1; Length 20;
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EST.
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RESULT 599

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Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred
v0.020425.c. Vector identified by cross_match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(KS+) R. Site 1:
ECORI R. Site 2: NotI Description: Normalised library constructed
from pooled tissue from day 30 placentas. Clones available from UK
Centre for Functional Genomics in Farm Animals, Roslin Institite,
Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Anderson, S.I., Finlayson, H.A. and Archibald, A.L.
Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle
Unpublished (2004)
                                                                                                                                                                                                  1 (bases 1 to 21)
Koehrer, K., Beyer, A.,
EST (Koehrer, et al.)
Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; 1 (bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AJ662980 21 AJ662980 CSEQRANO9 Sus scrofa
                                                                                                    Ingolstaedter Landstr.1, D-8:
Location/Qualifiers
                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                        Homo sapiens
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                                                                                                                                                                             Contact: MIPS
                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens (human)
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nilarity 88.9%;
Conservative
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/mol_type="mRNA"
/db_xref="taxon:9823"
/clone="C0000024 P01"
/tissue_type="placenta"
/clone_Tib="CSEORAN09"
/clone_Tib="CSEORAN09"
/note="Vector: pBlueScriptII(KS+); Site_1: EcoRI; Site_2:
NotI; Single pass sequencing. Normalised library
constructed from pooled tissue from day 30 placentas."
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                     Mewes, H.W., Gassenhuber, J. and Wiemann, S
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Pred. No. 3.8e+02
                                                                                                                              D-85764 Neuherberg, Germany
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                                                                                                                                                                                                                                                                                                    Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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2) Homo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
sapiens
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Sus.
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AZ602152/c
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Best Local S
Matches 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: |
Plate: 0420 row: H column: 13
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           plasmid inserts
Unpublished (20)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AZ602152 21 bp DNA linear GSS 13 IM0420H13R Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0420H13 R, genomic survey sequence.
AZ602152 AZ602152.1 GI:11724342
GSS.
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            High quality sequence stop: 21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .ass: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            308,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            llarity 88.9%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMDA2 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                                                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCM library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                              Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /dev_stage="fetal"
/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not1; Site_2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                               /db_xref="taxon:10090"
/clone="UUGC1M0420H13"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               tissue_type="kidney"
                                                                                                                                                                                                                                                                                                                                                                                                                                            /gex="Male"
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AZ610868/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     plasmid inserts
Unpublished (2000)
Contact: Robert B.
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1M0436G12F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0436G12 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   High quality sequence stop:
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brrv
Plate: 0436 row: G column: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                University of Utah Genome Center University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 21)
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Fax: 801 585 7177
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C578L/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="UUGC1M0436G12"
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Pred. No. 3.8e+02;
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adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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AZ627840.1 GI:11750126
GSS.
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Insert Length: 10000 Std Error:
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Contact: Robert B. Weiss
University of Utah
Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
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Location/Qualifiers
             /lab host="B. Coli strain XL10-Gold, T1-resistant, P-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sex="Male"
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Pred. No. 3.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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1M0560D04R Mouse 10kb plasmid UI clone UUGC1M0560D04 R, genomic :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: D column: 04
Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia;
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi | 4732114 | gb | AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                    /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /Clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance. \ensuremath{^{n}}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /db_xref="taxon:10090"
/clone="UUGC1M0560D04"
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Pred. No. 3.8e+02;
0; Mismatches 2;
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UUGC1M library Mus musculus genomic
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purified. ... --- DNA, an adaptored vector DNA, an

XL10-Gold

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ACCESSION
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AUTHORS
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Best Local Similarity
Matches 16; Conserv
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                                                                                           CL693188 21 bp DNA linear GSS 10-JUL-200 PRI0160c_F06_2 - PRI0160c_BR (21) Note: Recurring String Mixed stage fosmid_library of P. pacificus var. California Pristionchus pacificus genomic, genomic survey sequence.
CL693188 CL693188.1 GI:50215096
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Contact: Sommer RJ
Pristionchus pacificus
Pristionchus pacificus
Eukaryota, Metazoa; Nematoda, Chromadorea, Diplogasterida,
Neodiplogasteridae, Pristionchus.
1 (bases 1 to 21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech,
sequenced at Vancouver, Canada.
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Neodiplogasteridae; Pristionchus.
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Pristionchus pacificus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 organism="Pristionchus pacificus"
| mol_type="genomic DNA"
| strain="California"
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                                                                                                                                                                                                                                                                                                                                                                                     note="Vector: pEpifos-5 Fosmid vector"
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Pred. No. 3.
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Pred. No. 3.8e+02;
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                                                                                                                                                                           Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
                                                                                                                                                                                                                                                                                                                         plasmid inserts
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Query Match 0.3%;
Best Local Similarity 88.9%;
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Contact: Robert B. W.
University of Utah G.
University of Utah
Rm. 308, Biomedical
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Nucleic Acids Res. 32 (1), D421-D422 (2004)
Evolutions.
                                                                                                                                                                                                                                                                                                                                                                                                                                              Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalla; Butherla; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacze, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D.; Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Fax: 00497071601498
Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech,
sequenced at Vancouver, Canada.
                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
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Seq primer: CACACAGGAAACAGCTATGACC
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                                                                                    High quality sequence stop: 19.
Location/Qualifiers
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/clone_lib="Mixed stage fosmid library of
var. California"
organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/mol_type="genomic_DNA"
/strain="California"
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/clone="UUGC1M0109I13"

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Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: cgapbs-r@mail.nih.gov
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 754 Std Error: 0.00
Seg primer: -40ml3 fwd. ET from Amersham
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 19)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP);
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/clone lib="Soares NFL T GBC_S1"
/notes Torgan: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site_1: Not 1; Site_2: Eco RI; Equal amounts of plasmid DNA from three normalized libraries (fetal lung NDHL19W, testis NHT, and B-cell NCI CGAP_GCB1) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /sex="Male"
/lab host="E. Coli strain XL10-Gold, T1-resistant,
/clone libe"Mouse 10kb plasmid UUGCIM library"
/clone = "Vector: PWP42nv; Purified genomic DNA from Note="Vector: PWP42nv; Purified genomic DNA from Note="Vector: PWP42nv; Purified genomic DNA from Note="Vector: PWP42nv; Purified genomic DNA from Note: PWP42nv; PW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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Pred. No. 3.8e+02;
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REFERENCE AUTHORS TITLE

COMMENT

JOURNAL

FEATURES

Bource

ACCESSION VERSION KEYWORDS

DEFINITION

RESULT 608 POCUS AA954509/c

SOURCE

ORGANISM

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JOURNAL COMMENT REFERENCE AUTHORS TITLE VERSION KEYWORDS rocus SOURCE VERSION KEYWORDS ACCESSION RESULT 610 PEATURES DEFINITION AJ668179/c ACCESSION DEFINITION **Д**J666205/с RESULT 609 SPOC Best Lo ORGANISM Matches Query Match Best Local Query Match source POCAT 5399 ATACAAAAAAGAAAAAATG 5417 3762 GGGCCCCACGGGGCCTGTG 3780 Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross match with the -minscore 20 and -minmatch 12 options. Vector:pBlueScriptII(KS+) R. Site 1: EcoRI R. Site 2: NotI Description: Normalised library constructed from pooled tissue from day 30 placentas. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institite, Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org. 1. .19 AJ668179 AJ668179.1 EST. 19 19 AJ668179 AJ668179 AJ666205 AJ666205 16; embryo development in pigs and cattle Unpublished (2004)
Contact: Anderson SI
Genomics and Bioinformatics Anderson, S.I., Finlayson, H.A. and Archibald, A.L. Development of cDNA and EST resources for studying reproduction and Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus. 1 (bases 1 to 19) Sus scrota sequence. Sus scrofa (pig) АЛ666205 AJ666205.1 Similarity Similarity GGGGCCCCCGGGGCCTGGG 1 Conservative Conservative CSEQRAN09 Sus scrofa cDNA 19 bp mRNA linear ES' CSEQRAN09 Sus scrofa cDNA clone C0000033_E15, tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction by Bento Soares and M. Fatima Bonaldo. " /organism="Sus scrofa"
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NotI; Single pass sequencing. Normalised library
constructed from pooled tissue from day 30 placentas." 0.3%; GI:49352630 GI:49350656 0.3%; 0; 0, Score 14.2; DB 1; Pred. No. 4e+02; Pred. No. Score 14.2; Mismatches 4e+02; mRNA linear ES' clone C0000045_L19, DB 1; Length 19; ų. ω --Length 19; EST 28-JUN-2004 EST 28-JUN-2004 0; 0, mRNA Gaps Gaps 0 0

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REFERENCE
AUTHORS
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AUTHORS
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                                                                                            Roslin Institute
Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred
Single pass sequencing. Bases called and trimmed with the -minscore 20
v0.020425.c. Vector identified by cross match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(KS+) R. Site 1:
BCORI R. Site 2: NotI Description: Normalised library constructed
from pooled tissue from day 30 placentas. Clones available from UK
Centre for Functional Genomics in Farm Animals, Roslin Institite,
Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.
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1 (bases 1 to 19)

Anderson,S.I., Finlayson,H.A. and Archibald,A.L.

Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle

Unpublished (2004)

Contact: Anderson SI

Contact: Anderson SI
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1 (bases 1 to 19)

Anderson,S.I., Finlayson,H.A. and Archibald,A.L.

Development of CDNA and EST resources for studying reproduction and embryo development in pigs and cattle
Unpublished (2004)
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EST.
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Genomics and Bioinformatics
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Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
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/tissue type="placenta"
/tissue type="placenta"
/clone Tib="CSEQRAN09"
/note="Vector: pBlueScriptII(KS+); Site 1: EcoRI; Site_2:
/note="Vector: pBlueScriptII(KS+); Normalised library
NotI; Single pass sequencing. Normalised library
constructed from pooled tissue from day 30 placentas."
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/mol_type="mRNA"
/db_xref="taxon:9823"
/organism="Sus scrofa"
/mol_type="mRNA"
                                                                                    Location/Qualifiers
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BQ588729
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Rukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 19)

1 (bases 1 to 19)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BQ588729 19 bp mRNA linear EST 06-DEC-; S013713-024-014-B24-T7 MPIZ-ADIS-024-storage root Beta vulgaris cDNA clone 024-014-B24 3-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Insert Length: 19 Std Error: 0.00
Plate: 14 row: B column: 24
Seq primer: T7; GTAATACGACTCACTATAGGGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Weisshaar B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BQ588729
BQ588729.1 GI:26118312
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  weisshaa@mpiz-koeln.mpg.de
    project, locar -- project, locar -- ung; prof. Christian Jung;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone="C0000048_012"
/tissue type="placenta"
/clone_Tib="CSEQRAN09" -
/note="Vector: pBlueScriptII(KS+); Site_1: EcoRI; Site_2:
NotI; Single pass sequencing. Normalised library
constructed from pooled tissue from day 30 placentas."
sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schmekder, coordinate Prof. Christian Jung, Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                            /clome lib="MPIZ-ADIS-024-storage root"
/clome lb="MPIZ-ADIS-024-storage root",
/note="Vector: pCMVSPORT6; Site 1: Sal; Site 2: NotI;
CDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contac
                                                                                         SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Not1-T7; Note:
                                                                                                                                       b.schulz@kws.de; cloning sites SalI-NotI, primer sites
                                                                                                                                                                                                                                                      /tissue_type="storage root"
/lab_host="EMDH108"
                                                                                                                                                                                                                                                                                                 /db_xref="taxon:161934"
/clone="024-014-B24"
                                                                                                                                                                                                                                                                                                                                                                                                                   organism="Beta vulgaris"
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4e+02;
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Query Match Best Local Similarity

0.3%;

Score 14.2; DB 1; Pred. No. 4e+02;

Shin, Y.C.,

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RESULT 614
CF279008/c
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AUTHORS
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CB174047/c
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Best Local S
Matches 16
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Odorant receptor expressed sequence tags demonstrate olfactory expression of over 400 genes, extensive alternate splicing and unequal expression levels Genome Biol. 4 (11), R71.1-R71.15 (2003)
                                                                                                       mRNA sequence.
CF279008
CF279008.1 GI:33656394
                                                                                                                                                               CF279008 19 bp mRNA linear EST 14-AUG-2003 14ETL--05-Cl3.b1 Rice etiolated leaf plasmid cDNA library (14ETL) Cryza sativa (japonica cultivar-group) cDNA clone 14ETL--05-Cl3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Fred Hutchinson Cancer Research Center
1100 Fairview Avenue N., C3-168, P.O. Box 19024, Seattle,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: Young JM
Trask Lab, Division of Human Biology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 19)
Young, J.M., Shykind, B.M., Lane, R.P., To
Walker, M., Williams, E.M. and Trask, B.J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Tel: 206 667 1471
Pax: 206 667 6524
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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primer: M13 Reverse.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /clone lib="Adult mouse olfactory epithelium library"
/note="Organ: Olfactory turbinates; Vector:
LambdaZAPII-XR; Site 1: EcoRI; Site 2: XhoI; This library
was provided by Leslie Vosshall. mRNA was prepared from
the olfactory and respiratory epithelium of an adult
mouse. Olfgo-dT primed cDNA was directionally cloned into
Stratagene's lambdaZAPII-XR vector."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Mus musculus"
/mol_type="mRNA"
/db_xref="taxon:10090"
/clone="2032F05"
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/dev_stage="Adult"
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Matches 16
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)

Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 19)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L.

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTS

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                         Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CF291089 19 bp mRNA linear EST 14-AUG-14ROOT--01-G03.b1 Rice root plasmid cDNA library (14ROOT) Oryza sativa (japonica cultivar-group) cDNA clone 14ROOT--01-G03, mRN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193
Pax: 82 31 321 6355
                                                                                                                                                                    Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                    Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
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Similarity 84.2%;
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/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
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                       tissue_type="root"
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  dev_stage="14 days after
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                                                                                                                               (japonica cultivar-group)"
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  germination"
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Best Local Similarity
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Best Local Similarity
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

E 1 (bases 1 to 19)
SS Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
LL Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                             5393
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sequence.
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                                                            CP298396 19 bp mRNA linear EST 15-AUG-2003
7LEAF--01-M05.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
8ativa (japonica cultivar-group) cDNA clone 7LEAF--01-M05, mRNA
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14RCOT--01-G03.gl Rice root plasmid cDNA library (14RCOT) Oryza
sativa (japonica cultivar-group) cDNA clone 14RCOT--01-G03, mRNA
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Tel: 82 31 330 6193
Pax: 82 31 321 6355
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ilarity 84.2%;
Conservative
                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
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with oligoribonuclectides and then used as templates for
RT-PCR."
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with oligoribonuclectides and then used as templates for
RT-PCR."
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CF298472/c
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Best Local (
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(SM) Oryza sativa (japonica cultivar-group)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;

Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;

Ehrhartoideae; Oryzeae; Oryza.

E 1 (bases 1 to 19)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

LU Dpublished (2003)

Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                    Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                    Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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7LEAF--01-001.b1
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
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EST.
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                                                                                          bhnahm@ggbio.com, bhn.
Location/Qualifiers
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/dev_stage="7 days after germination"
/lab_host="8.coli DHIOB"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/clone_vertor: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
/organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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                                             (japonica cultivar-group) "
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REFERENCE
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Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.,
of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
  CF300236
7LEAF--04-124.b1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF299598
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EST.
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                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                 /db_xref="taxon:39947"
/clone="71ERP--03-K23"
/tissue_type="leaf"
/tissue_type="leaf"
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/lab_host="7.coli DH10B"
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/clone_lib="Rice|leaf plasmid cDNA library II (7LEAF)"
/mote="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
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/dev_stage="7 days after germination"
/dev_stage="7 days after germination"
/lab_host="R.coli DH10B"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/clone="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was cappe
with oligoribonucleotides and then used as templates fo
RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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  Rice leaf
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Pred. No. 4e
                                                                                                                                                                                                                        Score 14.2; DB 1; Length 19; Pred. No. 4e+02;
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4e+02;
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mRNA linear EST 15-AUG-2003
cDNA library II (7LEAF) Oryza
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1 Similarity 84.2%;
16; Conservative
                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, KyeongJi Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                      Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantes Streptophyta; Em
Spermatophyta; Magnoliophyta; Liliopsida;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sequence.
CF302327
CF302327.1 GI:33674088
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TLEAF--07-L24.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--07-L24, mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 19)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H.,

Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Epermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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sequence.
CF300236
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                                                                                                                                                                                                                                                                          Contact: Nahm B.H.
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bhnahm@ggbio.com, bhna
Location/Qualifiers
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with oligoribonucleotides and then used as templates for
RT-PCR."
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cultivar="Nackdong"
/db_xref="taxon:39947"
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Pred. No. 4e
                                           bhnahm@bio.myongji.ac.kr
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oryza sativa (japonica cultivar-group)
oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                sequence.
CF302456
CF302456.1 GI:33674217
EST.
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19 bp mRNA linear EST 15-AUG-2003
7LEAF--07-P22.bl Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--07-P22, mRNA
                                                                                                 Similarity
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                                                                                                                                             /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="TlEAF--07-P22"
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/dev_stage="7 days after germination"
/lab_host="E.coli DH108"
/lab_host="E.coli DH108"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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Location/Qualifiers
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/lab_host="E.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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mol type="markA"

/culTivar="Narkdong"

/db xref="taxon:39947"

/clone="7LEAF--07-L24"

/tissue_type="leaf"
                                                                                               0.3%;
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                                                                                               Score 14.2; DB 1;
Pred. No. 4e+02;
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Pred. No. 4e+02;
0; Mismatches 3;
                                                                                  Mismatches
                                                                                                               Length 19;
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JOURNAL
COMMENT
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ORGANISM
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CF309636/c
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AUTHORS
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VERSION
KEYWORDS
SOURCE
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CF304589/c
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Best Local S
Matches 16
TITLE
                                 AUTHORS
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JOURNAL
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Enkaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 19)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                CF309636

ABF--03-008.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone ABF--03-008, mRNA sequence.

CF309636

CF309636.1 GI:33681397
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 19)
Kim, J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Xim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Genomics and Genetics Institute, GreenGene Blotech Inc., of Bloscience and Bloinformatics, MyongJi University Yongin, KyoengJi, Korea Tel: 82 31 330 6193
Fax: 82 31 321 6355
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ABF1--05-G10.g1 ABF3-overexpressing transgenic rice lambda cDNA library (ABF1) Oryza sativa (japonica cultivar-group) clone ABF1--05-G10, mRNA sequence.

CF304589

CF304589.1 GI:33676350
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone_lib="ABF3-overexpressing transgenic rice lambda phage cDNA library (ABF1)"
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/dev_stage="14 days after germination'
/lab_host="E.coli SOLR"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="ABF1--05-G10"
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RESULT 625
CF309801/c
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Best Local S
Matches 16
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Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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Email:
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABF--04-C04.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone ABF--04-C04, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                        Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                       Large-scale Sequencing Analysis 
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EST
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Similarity 84.2%;
16; Conservative
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: 82 31 321 6355
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/note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression line."
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                     /clone lib="ABF3-overexpressing transgenic rice plasmid
cDNA library (ABF)"
                                                                                                                                                                  /organism="Oryza sativa
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AUTHORS
                                                                                  RESULT 627
CF311496/c
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SOURCE
ORGANISM
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CF309943
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VERSION
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                                                                              Query Match
Best Local S
Matches 16
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JOURNAL
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Kim, J. S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H.,

Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Naim B.H.

Contact: Naim B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Em
Spermatophyta; Magnoliophyta; Liliopsida;
Ehrhartoideae; Oryzeae; Oryza.
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ABF--04-F15.bl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (Japonica cultivar-group) cDNA clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF309943
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                                                                                                 h 0.3%;
Similarity 84.2%;
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AAAAAAAAAAAAAAAAAAAAAA 19
                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        bhnahm@ggbio.com, bhna
Location/Qualifiers
                                                                                                                                                          /note="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression line."
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                                                                                                                                                                                                                                                              /dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="ABF3-overexpressing transgenic rice plasmid
cDNA library (ABF)"
                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="mRNA"
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                                                                                                                                                                                                                                                                                                                                                                    'db_xref="taxon:39947"
'clone="ABF--04-F15"
                                                                                                                                                                                                                                                                                                                                                tissue_type="leaf"
                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Oryza sativa (japonica cultivar-group)"
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                                                                                                   Score 14.2; DB 1;
Pred. No. 4e+02;
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                                                                                  Mismatches
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a; Poales; Poaceae;
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ABP--06-L18.g1 ABP3-overexpressing transgenic rice plasmid cDNA library (ABP) Oryza sativa (japonica cultivar-group) cDNA clone ABP--06-L18, mRNA sequence.

19 bp

mRNA

linear

EST 15-AUG-2003

CF311496

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RESULT 628
CF311513/c
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AUTHORS
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ABF--06-M03.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone ABF--06-M03, mRNA sequence.

CF311513

CF311513.1 GI:33663274
                                                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355
                                                                                                                                                 1 (bases 1 to 19)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF311496.1
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Location/Qualifiers
bhnahm@ggbio.com,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note="Vector: pCR4-TOPO; Site 1: BcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression line."
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/clone="ABF--06-L18"
/tissue_type="leaf"
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/cultivar="Nackdong"
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/lab_host="E.coli DH10B"
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Pred. No. 4e+02;
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bhnahm@bio.myongji.ac.kr
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Local Similarity 84.2%;
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc., Division

of Bioscience and Bioinformatics, MyongJi University
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Bukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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/clone lib="ABF3"
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Location/Qualifiers
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 4e+02;
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Query Match Best Local Similarity

0.3%; 84.2%;

Score 14.2; DB 1; Pred. No. 4e+02;

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CF316480/c
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CF315299/c
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HD--04-C17, mRNA sequence.
CF315299
CF315299.1 GI:33687060
EST.
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                    HD--05-M14.gl OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD) Oryza sativa (japonica cultivar-group) cDNA clone HD--05-M14, mRNA sequence.
CF316480
CF316480.1 GI:33688241
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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HD--04-C17.gl OsHDAC1-overexpressing transgenic rice plasmid cDNA
library (HD) Oryza sativa (japonica cultivar-group) cDNA clone
HD--04-C17 mDNA accommon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Genomics and Genetics Institute, GreenGene Biotech In of Bioscience and Bioinformatics, MyongJi University
                                                                                   EST.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /tissue type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DHIOB"
/clone lib="OsHDACI-overexpressing transgenic rice plasmid cDNA library (HD)"
cDNA library (HD)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for lhr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
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/clone="HD--04-C17"
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CF318788
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JOURNAL
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JOURNAL
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Rhrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 19)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                            Genomics and Genetics Institute, GreenGene Biotech Inc.; of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355
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16; Conserv
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Fax: 82 31 321 6355
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CF318788.1 GI:33690549
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HD--09-A23, mRNA sequence.
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llarity 84.2%;
Conservative
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Location/Qualifiers
                                                                                                                                               bhnahm@ggbio.com,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone lib="OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     derived from rice Histone line."
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/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                              Cocation/Qualifiers
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'clone="HD--05-M14"
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cultivar="Nackdong"
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                         _xref="taxon:39947"
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Pred. No. 4e+02;
0; Mismatches 3;
                                                                                                                                                    bhnahm@bio.
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                                                                                     (japonica
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CF329136/c
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SOURCE
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AUTHORS
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VERSION
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Best Local Similarity
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Best Local Similarity 84.2%;
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
Ehrhattoidaes, Oryzeae, Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Nahm B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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1 (bases 1 to 19)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
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19 bp mRNA linear EST 18-AUG-2003
NACL--04-F15.b1 Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--04-F15, mRNA
  CF329137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Location/Qualifiers
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                                                                                                                                                                                                                                                                              /tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_lib="Ricc callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for
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                                                                                                                                                                                                                                                                 RT-PCR."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   organism="Oryza sativa
|mol_type="mRNA"
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Contact: Nahm B.H.
Contact: Nahm B.H.
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeongdi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
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Oryza sativa (japonica cultivar-group)
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Lillopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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NACL--05-I09.b1 Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--05-I09, mRNA
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.F. Large-scale Sequencing Analysis of Rice EST Unpublished (2003)
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualffiers
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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/dev_stage="proliferated callus on
/lab_host="E.coli DH10B"
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/db_xref="taxon:39947"
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/mol_type="mRNA"
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnollophyta, Liliopsida, Poales, Poaceae;
Ehrhartoideae, Oryzeae, Oryza.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Location/Qualifiers
                                                                                                                                                                                /mol type="max.n"
/cultivar="Nackdong"
/db_xref="raxon:39947"
/clone="NACL--08-G19"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_lib="Rice_callus_plasmid_cDNA_library_(NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
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/clone="NACL--05-109"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_lib="Rico callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for
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/mol_type="mRNA"
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/mol_type="mRNA"
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4e+02;
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Best Local
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                                                                                     AUTHORS
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                     1 (bases 1 to 19)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                           Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Er
Spermatophyta, Magnollophyta, Liliopsida,
                                                                                                                                                                                                                                                                                             JMT--02-M08.g1 AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT) Oryza sativa (japonica cultivar-group) cDNA clone JMT--02-M08, mRNA sequence.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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    Contact: Nahm B.H
                                                                                                                                                                                                                                                          CF333753.1 GI:33815809
                                                                                                                                                                                                                                                                              CF333753
                                                                                                                            Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH108"
/clone_lib="AttNT-overexpressing transgenic rice plasmid CDNA library (JMT)"
CDNA library (JMT)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl methyltransferase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="mackdong"
/db_xref="taxon:39947"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.2;
Pred. No. 4e
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                                                                                                                                                                                                                                                                                                                                                                 19 pp
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                                                                                                                                                    Embryophyta; Tracheophyta; a; Poales; Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 19;
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FEATURES

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REFERENCE
AUTHORS
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VERSION
KEYWORDS
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CP334014 19 bp mRNA linear EST 18-AUG-2003 UMT--03-CO9.gl AtJMT-overexpressing transgenic rice plasmid cDNA library.(JMT) Oryza sativa (japonica cultivar-group) cDNA clone JMT--03-CO9, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                         Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                    Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University
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                                                                                                                                                                                                                                                                                               bhnahm@ggbio.com, bhn.
Location/Qualifiers
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA
was reverse transcribed and then used for PCR. mRNA was
pepared from Arabidopsis Jasmoinate Carboxyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /dev stage="14 days after germination"
/lab_most="E.col1 DH10B"
/clone lib="ActMT-overexpressing transgenic rice plasmid cDNA library (JMT)"
                                                                                                                                                                   /organism="Oryza sativa (japonica cultivar-group)"
|mol type="mRNA"
|cultivar="Nackdong"
|/db xref="texon:39947"
|/clone="JMT--03-C09"
                                                             CDNA library (JMT) "
                                                                               /dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="A.JMT--verexpressing transgenic rice plasmid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            methyltransferase overexpression line."
                                                                                                                                               tissue_type="leaf"
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/clone="JMT--02-M08"
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/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                                                                                                                                                                                                                                                     bhnahm@bio.myongji.ac.kr
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                        BBW
                                            mRNA
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VERSION
KEYWORDS
                                                                                                                                                                                         RESULT 641
CN545922/c
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AUTHORS
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CN545602/c
                        SOURCE
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VERSION
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FEATURES

Vitis vinifera Vitis vinifera Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

CN545922 BST 17866 Ripe Grape clone B3CS00RL006D07

19 bp mRNA linear EST 30 Skin Triplex2 Library Vitis vinifera 3', mRNA sequence.

EST 30-APR-2004

CDNA

CN545922 CN545922.1 GI:46910547

COMMENT

TITLE

JOURNAL

SOURCE

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methyltransferase overexpression line.
Score 14.2;
Pred. No. 4e
 4e+02;
               DB 1;
               Length 19;
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Query Match
Best Local S
Matches 16
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Best Local Similarity

Matches 16; Conserv
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                         5393 AAAAAAATACAAAAAAGAA 5411
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19
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1 (bases 1 to 19)

Abbal,P., Agasse,A., Ageorges,A., Atanassova,R., Barrieu,F., Couture,C., Dedaldechamp,F., Delrot,S., Glissant,D., Grimplet,J., Hamdi,S., Romieu,C. and Terrier,M. Generation of Expressed Sequence Tag from Grape Berry (skin, pulp or seeds) at Various Developmental Stages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CN545602 19 bp mRNA linear EST 3
EST 17546 Ripe Grape Skin Triplex2 Library Vitis vinifera
clone B3CS00RL003H10 3', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Vitis vinifera
                                                                                                                                                                                                                                                                                                                                                                                                                             Tel: 00-33-(0)5-57-12-25-50
Fax: 00-33-(0)5-57-12-25-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CN545602
                                                                                                 Similarity
                                                                                                                                                                                                                                                                                                                                                                                                          Email: s.hamdi@bordeaux.inra.fr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        France
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                                                                              Conservative
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llarity 84.2%;
Conservative (
                                                                                                                                                        /dev_stage="ripening stage"
/clone_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda Trip.
Sfila; Site_2: SfilB; Oriented library"
                                                                                                                                                                                                                                                                               /organism="Vitis vinifera"
/mol_type="mRNA"
/cultivar="Cabernet Sauvignon"
                                                                                                                                                                                                                                                                                                                                                                    ocation/Qualifiers
                                                                                                                                                                                                                                           'db_xref="taxon:29760"
'clone="B3CS00RL003H10"
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                                                                                             0.3%;
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                                                                            Score 14.2; DB 1;
Pred. No. 4e+02;
0; Mismatches 3;
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                                                                                                                    Length 19;
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RESULT 642
CN545964/c
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; Vitaceae; Vitis.
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UMR 619 - Equipe Biologie de la Vigne
IMR 610 - An Hordeaux I, Institut National de la Recherche
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clone B3CS00RL006H10 3', mRNA sequence.
CN545964
CN545964.1 GI:46910589
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Abbal.P., Agasse,A., Ageorges,A., Atanassova,R., Barrieu,F.,
Couture,C., Dedaldechamp,F., Delrot,S., Glissant,D., Grimplet,J.,
Hamdi,S., Romieu,C. and Terrier,N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
                                                                                                                                                                                                                                                                                  or seeds) at Various Developmental Stages Unpublished (2002)
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Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
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                                                                                                             Fax: 00-33-(0)5-57-12-25-48
                                                                                                                                                                                                                  UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
                                                                                                                                                                                                                                                             Contact: Hamdi S.
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71, Avenue I
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                                                                                    Email: s.hamdi@bordeaux.inra

    Avenue Edouard Bourleaux,

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="mRNA"
/culfivar="cabernet Sauvignon"
/db xref="taxon:29760"
/clone="B3CS00RL006D07"
/organism="Vitis vinifera"
                                         Location/Qualifiers
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/clone_lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Pruit_skin; Vector: Lambda TriplEx2;
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RESULT 644 AZ307313

DEFINITION

AZ307313 19 h 1M0008H20R Mouse 10kb plasmid

UUGCIM library Mus musculus genomic

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29-SEP-2000

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JOURNAL COMMENT
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                                    5393 AAAAAAATACAAAAAAGAA 5411
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Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Abbal, P., Agasse, A., Ageorges, A., Atanassova, R., Barrieu, F.,
Couture, C., Dedalcechamp, F., Delrot, S., Glissant, D., Grimplet, J.,
Hamdi, S., Romieu, C. and Terrier, N.
Generation of Expressed Sequence Tag from Grape Berry (skin, pulp
or seeds) at Various Developmental Stages
Unpublished (2002)
Contact: Hamdi S.
UMR 619 - Equipe Biologie de la Vigne
Universite de Bordeaux I, Institut National de la Recherche
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Vitis vinifera
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EST 18255 Green Grape Berry Lambda Triplex2
cDNA clone B3C61XGB015E10 3', mRNA sequence.
CN546303
                                                                                                                                                                                                                                                                                                                                                                       Seq primer: T7
                                                                                                                                                                                                                                                                                                                                                                                           Email: s.hamdi@bordeaux.inra.fr
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    Avenue Edouard Bourleaux,

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/cultivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
/clone="B3CS00RL006H10"
/dev stage="ripening stage"
/clone lib="Ripe Grape Skin Triplex2 Library"
/note="Organ: Fruit skin; Vector: Lambda TriplEx2; Site_1:
SfiIA; Site_2: SfiIB; Oriented library"
                                                                                                                                                /dev stage="green stage"
/clone_lib="Green Grape Berry Lambda Triplex2 Library"
/note="Organ: Fruit without seeds; Vector: Lambda
TriplEx2; Site_1: SfiIA; Site_2: SfiIB; Oriented libra:
                                                                                                                                                                                                                                                    /organism="Vitis vinifera"
/mol type="mRNA"
/cultivar="Cabernet Sauvignon"
/db_xref="taxon:29760"
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Pred. No. 4e-
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                                                                                                                  Score 14.2; DB 1;
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Fax: 801 585 7177

Bmail: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00

Plate: 0008 row: H column: 20

Seq primer: CACAAGGAAACAGCTATGACC
Class: plasmid ends
AZ310079 19 bp DNA linear GSS 29-SEP-20
1M0018K17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0018K17 R, genomic survey sequence.
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Location/Qualifiers
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Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb
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AZ307313
AZ307313.1 GI:10346192
GSS.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi |4732114 |gb |AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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DEFINITION

ACCESSION

AZ310105

DEFINITION

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AZ310105 19 bp DNA linear GSS 29-SEP-200 1M0018EZ1R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0018EZ1 R, genomic survey sequence.
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Mouse whole genome scaffolding with paired end reads from 10kb
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High quality sequence stop: 19.
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Insert Length: 10000 Std Error: 0.00
Plate: 0018 row: K column: 17
Seq primer: CACACAGGAAACAGCTATGACC
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Pax: 801 585 7177
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                                                                                                                                                                                                                                                                                                                                                                (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi |473214|gb|AF12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
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                   AZ317743 19 bp DNA linear GSS 29-SEP-200 IM0036818R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC1M0036B18 R, genomic survey sequence.

AZ317743
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Location/Qualifiers
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Insert Length: 10000 Std Erro
Plate: 0018 row: E column: 2)
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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Fax: 801 585 7177
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 19)
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/strain="C57BL/6J"
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RESULT 648 AZ340311/c LOCUS

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VERSION KEYWORDS

AZ340311 AZ340311.1 GSS.

GI:10415441

AZ340311 19 bp DNA linear GSS 29-SEP-200 1M0072H15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0072H15 F, genomic survey sequence.

ACCESSION DEFINITION

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REFERENCE
AUTHORS
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Insert Length: 10000 Std Error: 0.00
Plate: 0036 row: B column: 18
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
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University of Utah Genome Center
University of Utah
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Unpublished (2000)
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Location/Qualifiers
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Pax: 801 585 7177
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larity 84.2%;
Conservative
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/strain="C57BL/6J"
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                                                                                                         <u>,</u>
                                                                                                      Score 14.2; DB 1; Length 19; Pred. No. 4e+02; Indels
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Dunn, D., Aoyagi, A., Barber, M., Beaccorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Mennen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
AZ345499 19 bp DNA linear GSS 29-SEP-200 1M0080676 Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGC1M0080706 F, genomic survey sequence.
AZ345499 AZ345499.1 GI:10424736 GSS.
GSS. (house mouse)
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High quality sequence stop: 19.
Location/Qualifiers
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Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     University of Utah Genome Center University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi |4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Length: 10000 Std Brror: 0.00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Biomedical Polymers Research Bldg.,
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/clone="UUGC1M0072H15"
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          sex="Male"
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                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.2; DB 1; Length 19; Pred. No. 4e+02;
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AUTHORS
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                                                                                                              ACCESSION
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Best Local Similarity
Matches 16; Conserv
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                  ORGANISM
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GSS.
Mus musculus (house mouse)
Mus musculus
                                                                                                           19 bp DNA linear G88 29-SEP-201
1M0088A10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0088A10 F, genomic survey sequence.
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
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Insert Length: 10000 Std Brro
Plate: 0080 row: F column: 06
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Fax: 801 585 7177
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// notes MyCardy; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www_jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pW942 (gi | 4732114 | gb | AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0080F06"
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 14.2;
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                                                                         AZ364226 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0110B24 F, genomic survey sequence.

AZ364226 AZ364226.1 GI:10477926
GSS.
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Location/Qualifiers
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Seg primer: CGTTGTAAAACGACGGCCAGT
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Pax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Brio
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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                           Mus musculus
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phoresis. Vector DNA was prepared from a derivative of phoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Laboratory Mouse DNA Resource
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/strain="C57BL/6J"
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ACCESSION VERSION KEYWORDS

GSS.

AZ365696 AZ365696

AZ365696.1 GI:10479396

DEFINITION Pocus

1M0112A07R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0112A07 R, genomic survey sequence.

19 bp

DNA

linear

GSS 02-OCT-2000

SOURCE

ORGANISM

Mus musculus Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Rodentia;

Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus

Mus

Mus musculus (house mouse)

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JOURNAL COMMENT
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AUTHORS
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RESULT 652
AZ365696
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Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0110 row: B column: 24
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Contact: Robert B.
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                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                          http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). Was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clome_lib="Mouse lokb plasmid UUGCIM library"
/note="Vector: PWPA2nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jacksor
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'clone="UUGC1M0110B24"
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strain="C57BL/6J"
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                                                                                                                                                                                                                                        Score 14.2; DB 1;
Pred. No. 4e+02;
                                                                                                                                                                                                                                                                 Length 19;
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Tel: 801 585 5606
Pax: 801 585 7177
Fmail: ddunn@genetics.utah.edu
Fmail: ddunn@genetics.utah.edu
Fmail: ddunn@genetics.utah.edu
Fmail: ddunn@genetics.utah.edu
                                                                                                                                                                                                 AZ374409 19 bp DNA linear GSS 02-OCT-200 100127D10F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0127D10 F, genomic survey sequence.
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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AZ374409.1 GI:10488109
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pND42 (gi|4732114 |gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
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/db_xref="taxon:10090"
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5393 AAAAAAATACAAAAAAGAA 5411

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1M0127F04R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0127F04 R, genomic survey sequence.

19 bp

DNA

GSS 02-OCT-2000

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19)

Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

AZ374619.1 GI:10488319 GSS.
Mus musculus (house mouse)

Dunn, D.,

16;

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Mismatches

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Query Match 0.3%;
Best Local Similarity 84.2%;
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Insert Length: 10000 Std Erro
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University of Utah Genome Center
University of Utah
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Location/Qualifiers
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Fax: 801 585 7177
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USA
                                                                               / Jab host="B. Coli strain Xi10-Gold, T1-resistant, F-"
/ (clone lib="Mouse 10kb plasmid UUGCIM library"
/ (note="Wector: PWD42ny; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwM92 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Score 14.2; DB 1;
Pred. No. 4e+02;
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Best Local
                                  AUTHORS
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                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
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Insert Length: 1000 Std Error: 0.00
Plate: 0127 row: F column: 04
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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Tel: 801 585 5606
Fax: 801 585 7177
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
                                                                                                                              Mus musculus
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                                                                                                                                                                                                                                                       1M0144L10R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0144L10 R, genomic survey sequence.
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWn92 (gil4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent B. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleosto Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; l (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Deill, M., Decombrates and Door Decombrates and Decombrates an
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Insert Length: 10000 Std Error: (
Plate: 0144 row: L column: 10
Seq primer: CACACAGGAAACAGCTATGACC
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Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                       Mus musculus (house mouse)
Mus musculus
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Location/Qualifiers
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Fax: 801 585 7177
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Reilly, M., Rose, M.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pud42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/strain="C57BL/6J"
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    Rose, R.,
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Pred. No. 4e+02;
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REFERENCE
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ORGANISM
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Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.0

Plate: 0153 row: K column: 08

Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Rukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
1 (bases 1 to 19)
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Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1M0182P04F Mouse 10kb plasmid UUGCIM library Mu clone UUGC1M0182P04 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                     Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwny4 (gil 4732141 gbl AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through $\epsilon$ 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Biomedical
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    and selected for ampicillin resistance."
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="genomic DNA"
/strain="C57BL/6J"
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Pred. No. 4e+02;
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AUTHORS
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VERSION
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                                                                                                                                                                                                                                                                                                                                                                          RESULT 658
AZ414413
                                                                                                                                                                                                       SOURCE
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                                                                                                                                                                                                                           KEYWORDS
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Best Local Similarity
                                                                                                                                                                             ORGANISM
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19)
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.
                                                                                                                                                                           Mus musculus (house mouse)
Mus musculus
                                                                                                                                                                                                                                                                                             1M0188013R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0188013 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Tel: 801 585 5606

Pax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Erro

Plate: 0182 row: P column: 04
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Seq primer: CGTTGTAAAACGACGGCCAGT Class: plasmid ends
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Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mouse whole genome
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/(clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Vector: pWD42nv; Purified_genomic_DNA_from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA_Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWH92 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol_type="genomi^ rw"=
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/strain="C57BL/6J"
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Genome Center
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Pred. No. 4e+02;
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Mouse whole genome scaffolding with paired end reads from 10kb

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                                                                                                                                              REFERENCE
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalla; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Welss, R.

Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
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Insert Length: 1000 Std Erro
Plate: 0188 row: O column: 1
                                                                                                                                                                                                                                                                                                                                     1M0201B21F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0201B21 F, genomic survey sequence.
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Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
                                                                                                                                                                                                                 Mus musculus
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/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pwm42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/mol type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 4e+02;
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                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (Dases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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19 bp DNA linear GSS 03-OCT-2011M0204020F Mouse 10kb plasmid UUGCIM library Mus musculus genomic Clone UUGCIM0204020 F, genomic survey sequence.
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Insert Length: 1000 Std Error: 0.00
Plate: 0201 row: B column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                    AZ424716
AZ424716.1 GI:10548729
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Location/Qualifiers
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared NA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNAsmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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'clone="UUGC1M0201B21"
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                                                Mus musculus Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Eukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Mus. Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Mus. 1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Mennen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhauern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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AZ441329.1 GI:10565342
GSS.
Mus musculus (house mouse)
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Insert Length: 10000 Std Error:
Plate: 0204 row: O column: 20
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  Unpublished (2000)
Contact: Robert B. Weiss
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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5393 АЛАЛАЛАТАСАЛАЛАЛСАЛ 5411
                                                                         Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                        AZ442365 19 bp DNA linear GSS 03-OCT-200 1M0236C13F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
                          Unpublished (2000)
Contact: Robert B.
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Insert Length: 10000 Std Error:
Plate: 0233 row: D column: 01
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
Contact: Robert B. Weiss
University of Utah Genome Center
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High quality sequence stop: 19.
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Pax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
                                                                                                                                                                                                                                                                                                                                                                                                                      AZ442365.1 GI:10566378
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          clone UUGC1M0236C13 F, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC1M0233D01"
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Pred. No. 4e+02;
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Matches 16; Conserv
                                                                                                                                            TITLE
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Insert Length: 10000 Std Error:
Insert Length: 10000 Unum: 13
Plate: 0236 row: C column: 13
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Tel: 801 585 5606
Fax: 801 585 7177
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                      Islam,H., Longacre,S., Mahmoud,M., Meenen,B., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19) Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1M0255G11R Mouse 10kb plasmid clone UUGC1M0255G11 R, genomic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated inducible derivative of plasmid R1. The vector was ligated
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/clone_lib="Mouse_10kb_plasmid_UUGCIM_library"
/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.
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/clone="UUGC1M0236C13"
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/strain="C57BL/6J"
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84112, US
                                                                                                                                             Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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Insert Length: 10000 Std Error: 0.00
Plate: 0255 row: G column: 11
Seq primer: CACACAGGAAACAGCTATGACC
                                                                        plasmid inserts
Unpublished (2000)
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Fax: 801 585 7177
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University of Utah Genome University of Utah
                                                   Contact: Robert B.
                                                                                                                         Mouse whole genome
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(http://www.jax.org/resources/documents/dhares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/strain="C57BL/6J"
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'clone="UUGC1M0255G11"
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                                                      Weiss
                                                                                                                           scaffolding with paired end reads from 10kb
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Pred. No. 4e+02;
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AZ471494/c
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                                                                                                                                                       Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rokes, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb Mouse, whole genome scaffolding with paired end reads from 10kb.
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Insert Length: 10000 Std Error: 0.00
Plate: 0266 row: E column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19)
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1M0286E11F Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC1M0286E11 F, genomic survey sequence.
                         University of Utah Genome Center University of Utah
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Fax: 801 585 7177
                                                                                 Contact: Robert B.
                                                                                                                                      plasmid inserts
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                                                                                                          Unpublished (2000)
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gh quality sequence stop: 19.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
Biomedical Polymers Research Bldg.,
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/mol_type="genomic nun"
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'clone="UUGC1M0266E03"
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strain="C57BL/6J"
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Best Local Similarity
Matches 16; Conserv
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                  plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome C
University of Utah
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19 bp DNA linear GSS 04-OCT-200
1M0295F04R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0295F04 R, genomic survey sequence.
                                                                                                                                                Mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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Location/Qualifiers
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Insert Length: 10000 Std Error: 0.00
Plate: 0286 row: E column: 11
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Fax: 801 585 7177
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Biomedical Polymers Research Bldg., 20
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/strain="C57BL/6J"
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Pred. No. 4e+02;
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  2030 E., SLC,
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacze, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads from 10kb
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                     Unpublished (2000)
Contact: Robert B. Weiss
Contact: Robert B. Weiss
University of Utah
University of Utah
RMI. 308, Biomedical Polymers Rese
Tel: 801 585 5606
Fax: 801 585 7177
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/strain="C57BL/6J"
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb
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19 bp DNA linear GSS 05-OCT-200
1M0323B17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0323B17 R, genomic survey sequence.
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Insert Length: 10000 Std Error: 0.00
Plate: 0315 row: D column: 21
Seg primer: CGTTCTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus (house mouse)
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AZ490652.1 GI:10661595
Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                 University of Utah University of Utah
                                                                                                                                                                          Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducable derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                    USA
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                                                                         Biomedical
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strain="C57BL/6J"
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Pred. No. 4e+02;
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ddunn@genetics.utah.edu

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Best Local Similarity
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Location/Qualifiers
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                                                                                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                        Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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Mus musculus
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1M0350B04F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC1M0350B04 F, genomic survey sequence.
                                                Tel: 801 585 5606 Fax: 801 585 7177
                                                                                                                                                                                                                   plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                              Mouse whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
ddunn@genetics.utah
Length: 10000 Std
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                                                                                                                       Biomedical
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Error: 0.00
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AZ509929
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                                         84112,
                                                                                      Contact: Robert B. University of Utah University of Utah
                                                                                                                                                                                                                                Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
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Seq primer: CGTTGTAAAACGACGGCCAGT
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Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                Unpublished (2000)
                                                                                                                                                                                   plasmid inserts
                                                                                                                                                                                                            Mouse whole genome scaffolding with paired end
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l6; Conservative
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                                                                    308,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                              USA
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                                                                    Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/).
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/strain="C57BL/6J"
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Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0354 row: A column: 07

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KEYWORDS
SOURCE
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AZ579119
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Class: plasmid ends
High quality sequen
                  Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0363 row: M column: 10
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Mouse whole genome scaffolding with paired end reads from 10kb
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19 bp DNA linear GSS 13-DEC-200
1M0363M16F Mouse 10kb plasmid UUGCIM library Mus musculus genomic
Clone UUGC1M0363M16 F, genomic survey sequence.
                                                                                                                                                                                                       University of Utah University of Utah
                                                                                                      Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                          Contact: Robert B.
                                                                                                                                                                                                                                                                                     Unpublished (2000)
                                                                                                                                                                                                                                                                                                                plasmid inserts
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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primer: CGTTGTAAAACGACGGCCAGT
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Location/Qualifiers
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 4e+02;
                                                Std Error: 0.00
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                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0388 row: M column: 11
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (Dases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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Location/Qualifiers
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Unpublished (2000)
Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/Btrain="C57BL/6J"
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Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error:
Plate: 0391 row: D column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 19.
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19 bp DNA linear GSS 13-DEC-200
1M0391D21F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0391D21 F, genomic survey sequence.
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Location/Qualifiers
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University of Utah Genome Center
University of Utah
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                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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/strain="C57BL/6J"
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Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
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19 bp DNA linear GSS 13-DEC-200
1M0404C09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0404C09 R, genomic survey sequence.
                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0404 row: C column: 09
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                             University of Utah Genome University of Utah
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                                                                                                                                                                                                     Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mouse whole genome scaffolding with paired end reads from 10kb
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/strain="C57BL/6J"
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R. Mouse,M., Regenome scaffolding with paired end reads from 10kb
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                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0445 row: P column: 16
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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AZ616154.1 GI:11738344
             High quality sequence stop: 19.
Location/Qualifiers
                                                                           Class: plasmid ends
                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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Mus musculus
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                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0474 row: J column: 05
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                University of Utah Genome Center University of Utah
                                                                                                                                                                                                                                                                                                                                                                                       plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B.
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                                                                 ass: plasmid ends
gh quality sequence stop: 19.
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/organism="Mus musculus"
                                           Location/Qualifiers
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 4e+02;
0; Mismatches 3;
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SOURCE
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Best Local
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AZ631701 19 bp DNA linear GSS 13 1M0486E01F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0486E01 F, genomic survey sequence.
AZ631701
                                                                                                                                                                                      Plate: 0486 row: E column: 01
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
Plate: 0486 row: E column: 0
                                                                                                                                                                                                                                                                                                                                                                                                    University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                         High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                             Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Laboratory Mouse DNA Resource
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/strāin="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0474J05"
/organism="Mus musculus'
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                Std Error: 0.00
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Matches

AZ631701

RESULT 677

REFERENCE AUTHORS

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Unpublished (2000)
Contact: Robert B.
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1 (bases 1 to 19)
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1M0489H15F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0489H15 F, genomic survey sequence.
                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0489 row: H column: 15
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                      High quality sequence stop: 19.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
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/db_xref="taxon:10090"
/clone="UUGC1M0486E01"
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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AZ643659
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Islam, H., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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1M0507D18F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0507D18 F, genomic survey semianna
                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Rese
                                                                                                                                                                                Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0507 row: D column: 18
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801 585 7177
                                                                                                                                                          quality sequence stop: 19.
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/Clone_lib="Mouse_10kb_plasmid_UUGCNM_library"
/note="Vector: PW927nv; Purified genomic_DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                      /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                              Location/Qualifiers
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                                                                           organism="Mus musculus"
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xref="taxon:10090"
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Best Local Similarity
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                                                                                                                                                                         Email: ddunn@genetics.utah.edu
Insert Length: 10000 Scd Error: (
Plate: 0508 row: E column: 17
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                        Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm: 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud, M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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GSS.
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                                                                                                                            Class: plasmid ends
High quality sequence stop: 19.
                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                  organism="Mus musculus"
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                                                                                                       ocation/Qualifiers
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Pred. No. 4e+02;
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0511 row: G column: 04
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
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University of Utah Genome Center
University of Utah
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1M0511G04R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
Clone UUGC1M0511G04 R, genomic survey sequence.
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Location/Qualifiers
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                                                /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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clone="UUGC1M0511G04"
                            /db_xref="taxon:10090"
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'lab_host="E. Coli strain XL10-Gold, T1-resistant,

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JOURNAL COMMENT
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AUTHORS
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                                                                                                                                                                                       Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Flate: 0517 row: L column: 16
Seq primer: CGTTGTAAAACGACGGCCAGT
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Unpublished (2000)
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Fax: 801 585 7177
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                                                           /db_xref="taxon:10090"
                                                                                                                                       organism="Mus musculus"
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Pred. No. 4e+02;
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KEYWORDS

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/clone_lib="Mouse 10kb plasmid UUGC1M library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/).

The DNA

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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Matches 16
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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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16; Conserv
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Insert Length: 10000 Std Error: 0.00
Plate: 0519 row: E column: 15
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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801 585 7177
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                                                                                                           /mol_type="genomic DNA"
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                                                                   db_xref="taxon:10090"
clone="UUGC1M0519E15"
                                                                                                                                                  organism="Mus musculus"
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COMMENT

REFERENCE AUTHORS ACCESSION VERSION FEATURES DEFINITION RESULT 684 AZ764497 KEYWORDS JOURNAL TITLE ORGANISM Matches Query Match source Local Similarity 5393 AAAAAAATACAAAAAAGAA 5411 19 16; Mus musculus

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostor

Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; I

(bases 1 to 19)

1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weiss, R. High quality sequence stop: 19.
Location/Qualifiers Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0560 row: H column: 03
Seq primer: CACACAGGAAACAGCTATGACC 84112, University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., GSS. AZ764497

19 bp DNA linear GSS 16-FEB-20 | 100560H03R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0560H03 R, genomic survey sequence. Contact: Robert B. AZ764497 AZ764497.1 GI:12879521 Unpublished (2000) plasmid inserts Mouse whole genome scaffolding with paired end reads from 10kb Mus musculus (house mouse) ass: plasmid ends Conservative USA 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gil4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance." was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to musculus C57BL/6J (male) was obtained from the Ju Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" /lab_host="B. Coli strain XL10-Gold, T1-resistant, F-"/clone_lib="Mouse 10kb_plasmid_UUGC1M_library"/note="Vector: PWD42nv; Purified_genomic_DNA_from_M. /db_xref="taxon:10090" /clone="UUGC1M0560H03" /note="Vector: PWD42nv; Purified genomic DNA from M. sex="Male" 84.2%; 0.3%; Weiss 0; Score 14.2; DB 1; Pred. No. Mismatches Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus. 4e+02; 0 8 Length 19; Indels 20 S. 2030 E., from the Jackson GSS 16-FEB-2001 0, Gaps The DNA SLC, Ę 0

SOURCE

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RESULT 685
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1M0560E16R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0560E16 R, genomic survey sequence
                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0560 row: E column: 16
Seg primer: CACACAGGAAACAGCTATGACC
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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Contact: Robert B.
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Fax: 801 585 7177
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pwD42nv; burified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                    organism="Mus musculus"
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Pred. No. 4e+02;
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                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0560 row: P column: 14
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weise,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
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University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clome_lib="Mouse 10kb plasmid UUGCIM library" note="Vector: pwp82nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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                                                                                                                                        'db_xref="taxon:10090"
'clone="UUGC1M0560P14"
                                                                                                                                                                                        mol_type="genomic DNA"
strain="C57BL/6J"
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Pred. No. 4e+02;
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1M0571L23R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0571L23 R, genomic survey secuence
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Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1. (bases 1 to 19)
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Insert Length: 10000 Std Erro
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone_lib="Mouse_lokb_plasmid_UUGCIM_library" /note="Vector: PWD42nv; Purified_genomic_DNA_from M. muscullus_C578L/6J (male) was obtained from the Jackson Laboratory Mouse_DNA_Resource (http://www.jax.org/resources/documents/dnares/). The DNA_fitting_from the fitting_from 
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                                                                                                                                                                                                                                                                                                                                                      /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0008 row: E column: 01
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                  musculus C57BL/6J (male) was obtained
                                                                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a
                                                      Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                    /db_xref="taxon:10090"
/clone="UUGC2M0008E01"
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strain="C57BL/6J"
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SOURCE ORGANISM

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ACCESSION DEFINITION

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AUTHORS

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FEATURES

RESULT 68 AZ775624

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Matches

0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error:
Plate: 0014 row: O column: 20
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
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Contact: Robert B.
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Dunn, D., Aoyagi, A., Barber, M.,
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
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                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Biomedical Polymers Research Bldg., 20 S. 2030 E.,
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA
                                                                                                                                                                            sex="Male"
                                                                                                                                                                                                  clone="UUGC2M0014020"
                                                                                                                                                                                                                                       mol_type="genomic DNA"
strain="C57BL/6J"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
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Insert Length: 10000 Std Error: 0.00
Plate: 0016 row: E column: 16
Seq primer: CACACAGGAAACAGCTATGACC
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Rm. 308, Biomedical Polymers Research Bldg.,
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Location/Qualifiers
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Fax: 801 585 7177
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musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4
                                                                                                                                                      /lab_host="E. Coli strain XL10-Gold, T1-resistant,
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                                                                                                                                                                                                                                                                 /mol_type="genomic DNA"
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/clone="UUGC2M0016E16"
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Pred. No. 4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0021 row: O column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
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19 bp DNA linear GSS 16 2M0021003R Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC2M0021003 R, genomic survey sequence.
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were
                                                                                                                                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: pW042nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                            /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10000"
/clone="UUGC2M0021003"
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Best Local Similarity
Matches 16; Conser source 5393 AAAAAAATACAAAAAAGAA 5411 Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: (Plate: 0031 row: H column: 17 Seq primer: CACACAGGAAACAGCTATGACC University of Utah C University of Utah Rm. 308, Biomedical Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19) Mus musculus GSS. 2M0031H17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0031H17 R, genomic survey sequence. 1 AAAAAAAAAAAAAAAAA 19 Tel: 801 585 5606 Fax: 801 585 7177 Contact: Robert B. Unpublished (2000) plasmid inserts Mouse whole genome scaffolding with paired end reads from 10kb AZ786336.1 GI:12923992 ass: plasmid ends musculus (house mouse) quality sequence stop: 19. Location/Qualifiers Conservative USA adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified The characal adaptors. (http://www.jax.org/resources/documents/dnares/). The DNI was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-" /clone_lib="Mouse 10kb plasmid UUGCIM library" /clone="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackso Laboratory Mouse DNA Resource purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance." /db_xref="taxon:10090" /clone="UUGC2M0031H17" /mol_type="genomic DNA" /strain="C57BL/6J" organism="Mus musculus" sex="Male" 0.3%; Genome Center Weiss Polymers Research Bldg., 0; Mismatches Score 14.2; DB 1; Pred. No. 4e+02; Std Error: 0.00 19 bp DNA ω --Length Indels 20 S. 2030 E., SLC, from the Jackson GSS 16-FEB-2001 0 The DNA Ş 0 ø

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Insert Length: 10000 Std Error: 0.00
Plate: 0034 row: M column: 12
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                        /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
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strain="C57BL/6J"
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Nouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: ddunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plate: 0034 row: I column: 24
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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19 bp DNA linear GSS 16-FEB-200
2M0034I24R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0034I24 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Res
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GSS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           High quality sequence stop: 19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          plasmid inserts
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Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                       /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="mouse 10kb plasmid UUGCIM library" /note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                      /mol type="genomic DNA"
/strain="C57BL/6J"
/db xref="taxon:10090"
/clone="UUGC2M0034I24"
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                                                                                                                                                                                                                                                                                                                                                                                                                                             organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                   sex="Male"
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Pred. No. 4e
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.4e+02;
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10.5 kb range using preparative agarose

Query Match Best Local :

Similarity

84.2%; 0.3%;

Score 14.2; DB 1; Length 19; Pred. No. 4e+02;

밁 á electrophoresis. Vector DNA was prepared from a derivative of pWh42 (gil4732114 gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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SOURCE
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AZ789590/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0037 row: G column: 06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Onpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mouse whole genome scaffolding with paired end reads from 10kb
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2M0037G06R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGC2M0037G06 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Seq primer: CACACAGGAAACAGCTATGACC
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Mammalia; Eutheria; Rodentia;
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Location/Qualifiers
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801 585 7177
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(http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                              /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clone 11b="Mouse 10kb plasmid UUGC1M library"/note="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                      Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                db_xref="taxon:10090"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                        sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                             clone="UUGC2M0037G06"
                                                                                                                                                                                                                                                                                                                                                                                                                                             mol_type="genomic DNA"
strain="C57BL/6J"
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FEATURES COMMENT REFERENCE SOURCE ORGANISM KEYWORDS VERSION ACCESSION DEFINITION **FOCUS** RESULT 696 AZ792713/c Matches JOURNAL TITLE AUTHORS Query Match Best Local Similarity source 5393 AAAAAAATACAAAAAAGAA 5411 19 AAAAAAAAAAAAAAAAAA 1 16; High quality sequence stop: 19.
Location/Qualifiers Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: Plate: 0045 row: C column: 22 Seq primer: CGTTGTAAAACGACGGCCAGT University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb Mouse whole genome scaffolding with paired end reads Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19) Mus musculus (house mouse) AZ792713.1 GI:12936930 GSS. 2M0045C22F Mouse 10kb plasmid UUGC1M library Muclone UUGC2M0045C22 F, genomic survey sequence. Class: plasmid ends Tel: 801 585 5606 Fax: 801 585 7177 Contact: Robert B. plasmid inserts Unpublished (2000) AZ792713 84112, Conservative USA (http://www.jax.org/resources/documents/dhares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agazose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number of pW142 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XLIO-Gold (Stratagene) cells and selected for ampicillin resistance." /lab_host="E. Coli strain XL10-Gold, T1-resistant, F /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. muscullus C57BL/6J (male) was obtained from the Jack Laboratory Mouse DNA Resource /mol_type="genomic DNA" /strain="C57BL/6J" sex="Male" clone="UUGC2M0045C22" db_xref="taxon:10090" organism="Mus musculus" 0.3%; Weiss 0; Mismatches Score 14.2; DB 1; Pred. No. 4e+02; Std Error: UUGCIM library Mus musculus 0 DNA ω • Length 19 Indels linear 20 from the Jackson S. 2030 E., SLC, GSS 16-FEB-2001 Murinae; Mus. 0 genomic P- " S 0

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Locus

Query Match

inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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ACCESSION
VERSION
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SOURCE
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AZ795403
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1 (bases 1 to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Islam, H., Longacre, S., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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2M0049C12R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0049C12 R, genomic survey sequence.
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Seg primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0049 row: C column: 12
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     quality sequence stop: 19.
Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymcleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
                                                                                                                                                                                                                                                                                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCM library" /note="Vector: pWD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Biomedical Polymers Research Bldg., 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                /db_xref="taxon:10090"
/clone="UUGC2M0049C12"
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                          /sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Mus musculus"
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16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0060 row: I column: 12
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacze,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Welss,R. Monse whole genome scaffolding with paired end reads from 10kb mouse whole genome scaffolding with paired end reads from 10kb
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
1 (bases 1 to 19)
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Fax: 801 585 7177
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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWD42ny; Purified genomic DNA from M.
musculus C57BL/GJ (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was bydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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/clone="UUGC2M0060I12"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0095 row: E column: 17
Seq primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                           /lab host="E. Coli strain XL10-Gold, Tl-resistant, /Clone_lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from Nmusculus C57BL/6J (male) was obtained from the Jac
                                                                                                                                                                                                                                                                                                                                                  Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone="UUGC2M0095E17"
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/strain="C57BL/6J"
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Pred. No. 4e+02;
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2M0139G08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0139G08 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Errc
Plate: 0139 row: G column: 08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
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GSS.
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Fax: 801 585 7177
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                                                                                                                                                                             Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA (http://www.jax.org/resources/documents/dnares/). The BNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was anneale adaptored vector DNA, and transformed into
                                                                       10.5 kb range using preparative agarose gel lectroberosis. Vector DNA were prepared from a derivative of pWD42 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated
                                                                                                                                                                                                                                                                                                                                                                                               /lab host="B. Coli strain XL10-Gold, T1-resistant, F
/Clome 11b="Mouse 10kb plasmid UUGCIM 11brary"
/note="Vector: PWP62nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jack
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Mouse whole genome scaffolding with paired end reads from 10kb
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Fax: 801 585 7177
Fax: 801 685 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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clone UUGC2M0139A16 R, genomic survey semiarra
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                   /lab host="E. Coli strain XL10-Gold, Tl-resistant, F-"/clone_lib="Mouse 10kb plasmid UUGCiM library"/note="Vector: pWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Biomedical
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                                                                                                                                                                                                                                                                                                                                 Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            'sex="Male"
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Pred. No. 4e+02;
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(Stratagene) cells

adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0168 row: P column: 10
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. University of Utah University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwp42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA and transformed incomplementary.
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                                                                                                                                                                                                                                                                                                                                                           /clone_lib="Mouse_10kb_plasmid_UUGC1M_library"
/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.
musculus_C57BL/6J_(male)_was_obtained_from_the_Jackson
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                                                                                                                                                                                                                                                                                                                                    Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             mol_type="genomic DNA"
strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      db_xref="taxon:10090"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              sex="Male"
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Pred. No. 4e+02;
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Matches 16; Conserv
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Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0193 row: L column: 10
Seq primer: CACACAGGAAACAGCTATGACC
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2M0193L10R Mouse 10kb plasmid UUGC2M library Muclone UUGC2M0193L10 R, genomic survey sequence.
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Location/Qualifiers
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                                                                     (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel elettrophoresis. Vector DNA was prepared from a derivative of pMs42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to
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                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone_lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                           Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       'sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               clone="UUGC2M0193L10"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          db_xref="taxon:10090"
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Pred. No. 4e+02;
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Best Local S
Matches 16
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2M0231A02F Mouse 10kb plasmid UUGC2M library Mus musculus genomic
clone UUGC2M0231A02 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0231 row: A column: 02
Seq primer: CGTTGTAPAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                 Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                       with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected
                                                                                                                                                                                                                                                                                                                                                                                                                                      musculus C57BL/6J
                                                                                                                                                                                                                                                                                                                                                                                                                                                 /sex="Female"
/lab host="E. coli strain XL10-Gold, T1-resistant,
/clone lib="Mouse 10kb plasmid UUGC2M library"
/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: PD42nv; Purified genomic DNA from the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  clone="UUGC2M0231A02"
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Pred. No. 4e+02;
for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0267 row: E column: 21
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2M0267E21F Mouse 10kb plasmid UUGC2M library Mus musculus
clone UUGC2M0267E21 F, genomic survey sequence.
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Seg primer: CGTTGTAAAACGACGGCCAGT
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GSS.
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University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (2000)
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801 585 7177
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was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pwD42 (gi[4732114]gb[AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/clone lib="Mouse 10kb plasmid UUGC2M library"
/note="Vector: pW042nv; Purifised genomic DNA from M.
musculus C57BL/6J (female) was obtained from the Jackson
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                                                                                                                                                                                                                                                                                                                                                                                               Laboratory Mouse DNA Resource
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        'sex="Female"
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0; Mismatches
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Query Match Best Local Similarity

0.3%;

Score 14.2; DB 1; Pred. No. 4e+02;

Length 19

<u>.</u>

Indels

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Gaps

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Query Match
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 plasmid inserts
Unpublished (2000)
Contact: Robert B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Rodentia; 1 (bases 1 to 19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0288 row: I column: 21
Seq primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  University of Utah Genome University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mouse whole genome scaffolding with paired end reads from 10kb
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0.3%;
ilarity 84.2%;
Conservative
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                                                                                     http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /lab_host="E. coli strain XL10-Gold, T1-resistant, F /clone lib="Mouse 10kb plasmid UUGCEM library" /note="Vector: pW042nv, Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Ja
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Biomedical
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sex="Female"
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Score 14.2; DB 1;
Pred. No. 4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR ware directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infobiogen.fr).
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AJ600883.1 GI:37950511
GSS; right border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                    CL680736 19 bp DNA linear GSS 09-JUL-2004 PRI012a H07_2 - PRI012a.BR (19) Note: Recurring String Mixed stage fosmid Tibrary of P. pacificus var. California Pristionchus
                                                                                                                                                                                                                                                                           l Similarity
16; Conserv
pacificus genomic, genomic survey sequence. CL680736 CL680736.1 GI:50187696
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
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19 bp DNA linear GSS 15-JAN-2004
Arabidopsis thaliana T-DNA flanking sequence, right border, clone
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                                                                                                                                                                                                                                                                                                                                                    /note="T-DNA flanking sequence
right border"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="Wassillewskija"
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                                                                                                                                                                                                                                                                                                                                                                                                                                 clone="515E07"
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Pred. No. 4e-
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DeRose, R., Pelletier, G.,
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Extractionchus pacificus
Extractionchus pacificus
Extractionchus, Metazoa; Nematoda; Chromadorea; Diplogasterida;
Neodiplogasteridae; Pristionchus.

1 (bases 1 to 19)
Sprinivasan, J., Otto, G.W., Kahlow, U., Geisler, R. and Sommer, R.J.
AppaDB; an AcedB database for the nematode satellite organism
Pristionchus pacificus
Nucleic Acids Res. 32 (1), D421-D422 (2004)
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                                                                                                                                          Fax: 00497071601498
Email: rall:sommer@tuebingen.mpg.de
This library was generated at Caltech,
sequenced at Vancouver, Canada.
                                                                                                                                                                                                                                     Evolutionary Biology
Max-Planck-Institute for Developmental Biology
Spemannstr. 37-39, Tuebingen D-72076, Germany
Tel: 00497071601371
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Contact: Sommer RJ
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Class: fosmid
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This library was generated at Caltech,
sequenced at Vancouver, Canada.
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Class: fosmid
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/mol type="genomic DNA"
/strain="california"
/db_xref="taxon:54126"
/clone lib="Mixed stage fosmid library of P.
var. California"
                                                                      Location/Qualifiers
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/mol_type="genomic DNA"
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CL693191
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This library was generated at Caltech,
sequenced at Vancouver, Canada.
Seq primer: T7
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Nucleic Acids Res. 32 (1), D421-D422 (2004)
Contact: Sommer RJ
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CL693186
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Pristionchus pacificus
Eukaryota, Metazoa, Nematoda, Chromadorea, Diplogasterida,
Neodiplogasteridae, Pristionchus.
GSS.
Pristionchus pacificus
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Similarity 84.2%; Pred. No. 4e+02;
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/clone_lib="Mixed stage fosmid library of P. pacificus
var. California"
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|mol_type="genomic DNA"
|strain="California"
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Unpublished (1999)
Contact: MIPS
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This library was generated at Caltech,
sequenced at Vancouver, Canada.
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Spemannstr. 37-39, Tuebingen
Tel: 00497071601371
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Nucleic Acids Res. 32
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Neodiplogasteridae; Pristionchus.
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nilarity 84.2%;
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                                                           /tissue_type="kidney"
/dev stage="fetal"
/lab_host="X1-zblue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not:
                                                                                                                                        /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="DKFZp566B2246"
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/mol_type="genomic DNA"
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lebingen D-72076,
Score 14.2; DB 1;
Pred. No. 4.2e+02;
0; Mismatches 3;
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Pred. No. 4e+02;
D; Mismatches
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                                                            Site_1: NotI;
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RESULT 714
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Best Local
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AL587727 BP Chicken Brain Library Gallus gallus cDNA clone
ROS061D01, mRNA sequence.
AL587727
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Gallus gallus
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Gallus gallus
                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae; Gallus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Unpublished (2001)
Contact: Frazer Murray
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Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
1 (bases 1 to 20)
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                 (bases 1 to 20)
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/clone lib" "BP Chicken Brain Library"
/note="Vector: pSPORT1; Site 1: Not1; Site 2: Sall; Cloned
unidirectionally. Primer: OlTgo dT. 5' adaptor sequence:
5' TCGACCTCCAG 3'; 3' adaptor sequence: 5'
GCGGCCGCTTTTTTTTTTTTTTTTTTT 3' Poly A RNA purchased from
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/dev_stage="Unknown"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Gallus gallus"
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/clone="ROS059B11"
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Pred. No. 4.2e+02;
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Poly A RNA purchased from Clonetech
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                                                                                                                                Seq primer: M13F.
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/tissue_type="Brain"
/dev_stage="Unknown"
/lab_host="DH10B"
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Gallus gallus
Gallus gallus
Gallus gallus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae;
Phasianinae; Gallus.
1 (bases 1 to 20)
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Roslin, Midlothian, EH25 9PS, UK
Tel: +44 (0)131 527 4200
Fax: +44 (0)131 440 0434
Email: frazer.murray@bbsrc.ac.uk
GCGGCCGCTTTTTTTTTTTTTTTTTT 3' Pol
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Unpublished (2001)
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AL587759
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Location/Qualifiers
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/lab_host="DH10B"
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CF299570 20 bp mRNA linear EST 15-AUG-2003 7LEAF--03-K09.bl Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--03-K09, mRNA
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355 Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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CF282002.1 GI:33659389
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14ETL--09-F01.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--09-F01,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Nahm B.H
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          mRNA sequence.
                                                                                                                                                                                                                                                 Similarity
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/note="Vector: psPoRT1; Site 1: Not1; Site 2: Sal1; Cloned unidirectionally. Primer: Oligo dT. 5' adaptor sequence: 5' TCGACCTCGAG 3'; 3' adaptor sequence: 5' GCGACCTCTTTTTTTTTTTTTTTT
                                                                                                                                                                                                                                                                                                         /note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                    (14ETL)"
                                                                                                                                                                                                                                                                                                                                                                                                          /tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
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/clone="14ETL--09-F01"
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                                                                                                                                                                                                                      Score 14.2; DB 1;
Pred. No. 4.2e+02;
0; Mismatches 3
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Pred. No. 4.2e+02;
0; Mismatches 3;
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CF316662/c
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Best Local
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L.
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                      1 (bases 1 to 20)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                               Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CF316662 20 bp mRNA linear HD--06-A20.gl OBHDAC1-overexpressing transgenic ric library (HD) Oryza sativa (japonica cultivar-group)
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16; Conserv
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Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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CF299570.1 GI:33671331
EST.
                                                          Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
                                                                                                                      Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
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CF316662.1 GI:33688423
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
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                                                                                                                                                                                   Contact: Nahm B.H
                                                                                                                                                                                                                                                                                                              Ehrhartoideae;
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/clone="7LEAF--03-K09"
/tissue_type="leaf"
/dev_stage="7 days after germination"
/lab_host="E.coli_DH10B"
/lab_host="E.coli_DH10B"
/clone_lib="Rice_leaf_plasmid_cDNA_library_II_(7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA_was_capped
with oligoribonucleotides and then used as templates for
RT-PCR."
organism="Oryza sativa (japonica cultivar-group)"
                                      Location/Qualifiers
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 4.2e+02;
                                                          bhnahm@bio.myongji.ac.kr
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cDNA clone
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AUTHORS
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CF318278/c
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                                           Matches 16;
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Best Local Similarity
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5393 AAAAAAATACAAAAAAGAA 5411
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Lazge-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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HD--08-F13, mRNA sequence.
CF318278.1 GI:33690039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HD--08-F13.b1 OsHDAC1-overexpressing transgenic rice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: bhnahm@ggbio.com, bhna
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Nahm B.H
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                                                                Similarity
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82 31 321 6355
                                           Conservative
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                                                                                                                                                   /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                           cDNA library (HD)"
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                                                                                                                                                                                                                                                           /dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone_lib="0sHDAC1-overexpressing transgenic rice plasmi
                                                                                                                                                                                                                                                                                                                                                     /db_xref="taxon:39947"
/clone="HD--08-F13"
                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
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/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
                                                                                                                                                                                                                                                                                                                                 tissue_type="callus"
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/clone="HD--06-A20"
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/cultivar="Nackdong"
                                                            0.3%;
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Pred. No. 4.2e+02;
0; Mismatches 3;
                                         0; Mismatches
                                                                Score 14.2;
Pred. No. 4
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                                                              4.2e+02;
                                                                                   DB 1;
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                                           Indels
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VERSION KEYWORDS

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                                                                                                                SOURCE
ORGANISM
                                                                                                                                                                                                                                                                DEFINITION
                                                                                                                                                                                                                                                                                                           CF320843/c
                                                                                                                                                                                                                                                                                                                                 RESULT 721
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Best Local S
Matches 16
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        AUTHORS
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Trache
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 20)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,
                                                                                                                                                                                                                                     CF320843

20 bp mRNA linear EST 15-AUG-LIN-11-001.gl OsHDAC1-overexpressing transgenic rice plasmid cl Library (HD) CTyza sativa (japonica cultivar-group) cDNA clone
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)

Contact: Nahm B.H.
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(GF319428

(GF319428)

(GF319428)

(HD--09-020.bl OsHDAC1-overexpressing transgenic rice plasmid clibrary (HD) Oryza sativa (japonica cultivar-group) cDNA clone HD--09-020, mRNA sequence.

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                                                                                                                                                           EST.
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                                                                                                                                                                                                     CF320843
                                                                                                                                                                                                                     HD--11-001, mRNA sequence.
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Genomics and Genetics Institute, GreenGene Biotech
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /clone lib="OsHDAC1-overexpressing transgenic rice plasmid
cDNA library (HD)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /tissue_type="callus"
/dev_stage="proliferated callus on
/lab_host_"E.coli_DH10B"
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/clone="HD--09-020"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 14.2; DB 1;
Pred. No. 4.2e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          bhnahm@bio.myongji.ac
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      Lee, T.H., Shin, Y.C.,
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                                                                                            Tracheophyta;
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Matches
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16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Large-scale Sequencing Analysis Unpublished (2003) Contact: Nahm B.H.
                                                                                                      Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0118 row: G column: 09
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah
Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                  plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                               Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AZ368518 20 bp DNA linear GSS 02-OCT-20 1M0118G09R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0118G09 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                        Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
                                                                                 Class: plasmid ends
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                                                                                                                                                                                              801 585 5606
801 585 7177
                                                               quality sequence stop: 20
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /dev_stage="proliferated callus on 2N6 media for 2 weeks" | lab_host="E_coli DH1OB" | clone lib="OSHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
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/mol_type="mRNA"
/cultivar="Nackdong"
/organism="Mus musculus"
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/clone="HD--11-001"
                                           Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%;
84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 14.2; DB 1;
Pred. No. 4.2e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus
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VERSION
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Best Local
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                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: (
Plate: 0466 row: E column: 16
Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                                                                                                                                                                 Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AZ626475 20 bp DNA linear GSS 13 1M0466E16R Mouse 10kb plasmid UUGCIM library Mus musculus clone UUGC1M0466E16 R, genomic survey sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mouse whole genome scaffolding with paired end plasmid inserts
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus
                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AZ626475.1 GI:11748665
                                                                                                High quality sequence stop: 20.
                                                                                                                             Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                             Unpublished (2000)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   was hydrodynamically sheared by respeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coll XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                          USA
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                                                                                                                                                                                                                                                                                                                               Biomedical Polymers Research Bldg.,
                                                                         Location/Qualifiers
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/clone="UUGC1M0118G09"
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/strain="C57BL/6J"
/mol_type="genomic DNA"
                       organism="Mus musculus"
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LOCUS

SOURCE

FEATURES

COMMENT

TITLE

/clone="UUGC1M0466E16" db_xref="taxon:10090"/ /strain="C57BL/6J"

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JOURNAL COMMENT
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AUTHORS
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AZ638704
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VERSION
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Matches 16; Conserv
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Contact: Robert B. Weiss
University of Utah
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20
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Nouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                    Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Erro
Plate: 0498 row: E column: 13
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                                                                                                                                       Seq primer: CACACAGAAACAGCTATGACC Class: plasmid ends
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                                                                                 quality sequence stop: 20.
Location/Qualifiers
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/Clone lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pW042nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
/organism="Mus musculus"
/mol_type="genomic DNA"
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                                                                             Bource
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                                                                                                                                                                             Seq primer: CACACAGGAAACAGCTATGACC
                                                                                                                                                                                                       Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0094 row: D column: 20
                                                                                                                                                                                                                                                                                                                                                          Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             plasmid inserts
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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GSS.
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                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
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                                                                                                                                                       Class: plasmid ends
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                                                                                                                             quality sequence stop: 20.
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                                                                                                                                                                                                                                                                                                                                          USA
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /sex="Male"
/lab host="5 Coli strain XL10-Gold, T1-resistant,
/lab host="5 Coli strain XL10-Gold, T1-resistant,
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from houseulus C57BL/6J (male) was obtained from the Jac
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/clone="UUGC1M0498E13"
                                                                                                       ocation/Qualifiers
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Best Local Similarity
source
                                                                                                                                                                       Contact: Robert Strausberg, Ph.D.

Email: cgapbs-remail.nih.gov

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP cDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center:
PHRAP suite. Poly-T Identification: pathwatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: B contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a Xhol site followed by a run of 14 or more T residues at the
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1 (bases 1 to 17)

NIH-MGC http://mgc.nci.nih.gov/.

National Institutes of Health, Mammalian Gene Collection (MGC)
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2821096.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2821096
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Other_ESTs: 2821096.5prime
                                                                                                                                           beginning of the sequence, this cDNA insert was polyadenylated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens
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                                                                           quality sequence stop: 8.
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RESULT 726

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BQ590128/c
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Spermatophyllales; Amaranthaceae; Beta.
1 (bases 1 to 17)
1 (bases 1 to 17)
1 (bases 2 to 17)
1 (bases 1 to 17)
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15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADIS DNA core facility at MPIZ Max-Planck-Institute for Plant Breeding Research
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: weisshaa@mpiz-koeln.mpg.de
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Carl-von-Linne Weg 10, 50829 Koeln, Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Contact: Weisshaar B
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Insert Length: 17
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te: 19 row: E column: 19
primer: T7; GTAATACGACTCACTATAGGGC
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/clone="IMAGE:2821096"
/tissue_type="mm31 cell carcinoma"
/cell Ine="MGC3"
/lab host="DH10B (phage-resistant)"
/lab host="DH10B (phage-resistant)"
/clone_lib="NIH_MGC_7"
/clone="Torgan: lung; Vector: pOTB7; Site_1: XhoI; Site_2: foots: CDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit California, Berkeley) using ZAP-cDNA synthesis kit
                        /clome_lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site_1: Salte_2: NotI;
/DATA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites
                                                                                                                                                                                                                                                                                  /organism="Beta vulgaris"
/mol_type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
                                                                                                                           /tissue_type="storage root"
/lab_host="EMDH10B"
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/db_xref="taxon:9606"
                                                                                                                                                                                                         'db_xref="GABI:189986"
'db_xref="taxon:161934"
                                                                                                                                                                                 clone="024-019-E19"
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ADIS DNA core facility at MPIZ
MAX-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
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12472698
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E012715-024-017-H16-T7 MPIZ-ADIS-024-storage root Beta vulgaris
cDNA clone 024-017-H16 3-PRIME, mRNA sequence.
BQ591181
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Insert Length: 17 Std Error: 0.00
Plate: 17 row: H column: 16
Seq primer: T7; GTAATACGACTCACTATAGGGC.
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Prof. Ch
                                                                                                                                                                                                                                /tissue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MMPIZ-ADIS-024-storage root"
/clone_lib="MMPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site_1: SalI; Site_2: NotI;
/note="Vector: pCMVSPORT6; Site_1: Thrary provided by KWS
CDNA library from sugar beet, lIbrary provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites an
                                                                                                                                              SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by
                                                                                                        Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                     orientation:
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/mol_type="mRNA"
/cultivar="KW82320 (double haploid, monogerm
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                                                                                                                                                                                                                                                                                                                                                                                     /db_xref="taxon:161934"
/clone="024-017-H16"
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Pred. No. 4e+02;
                                                              Score 13.8; DB 1; Length 17;
                                          Pred. No.
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                                          4e+02;
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CF294668/c
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JOURNAL
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Matches 15; Conserv
                        AUTHORS
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CF276637
CF276637.1 GI
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17 bp mRNA linear EST 14-AUG-2003 30DGS--04-E17.g1 Rice leaf plasmid cDNA library I (30DGS) Oryza sativa (japonica cultivar-group) cDNA clone 30DGS--04-E17, mRNA
1 (bases 1 to 17)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                                                                                                                            Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
                                                                                                                                                                           EST.
                                                         Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.
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: 82 31 330 6193
: 82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (14ETL)"
                                                                                                                                                                                               GI:33663701
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REFERENCE AUTHORS

KEYWORDS ACCESSION VERSION

ORGANISM

COMMENT

JOURNAL MEDLINE PUBMED

TITLE

FEATURES

source

Lee,

RESULT 728 BQ591181/c

DEFINITION

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1 (bases 1 to 17)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridipilantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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14ETL--01-N18.gl Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--01-N18,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech In of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                /note="Vector: pCR4-TOPO; Site_1: EcoRI;
with_oligoribonucleotides and then used a
                                                                                                                                                                                                                                                                                                /organism="Oryza sativa (japonica cultivar-group)"
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/lab_host="E.coli DH10B"
                                                                                                                                                                                                                   lib="Rice etiolated leaf plasmid cDNA library
0; Mismatches
                            Score 13.8; DB Pred. No. 4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            bhnahm@bio.myongji.ac.kr
                                                      DB 1;
                                                Length 17;
  Indels
                                                                                                                                            aB
                                                                                                                                                                  mRNA was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Inc.; Division
                                                                                                                                         templates
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  <u>,</u>
  Gaps
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ACCESSION
VERSION
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CF295988/c
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AUTHORS
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JOURNAL
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Fax: 82 31 321 6355
                                                                                                                                                                                                                                            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355 Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 17)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CF295988 17 bp mRNA linear EST 14-AUG-2003 30DGS--06-C17.b1 Rice leaf plasmid cDNA library I (30DGS) Oryza sativa (japonica cultivar-group) cDNA clone 30DGS--06-C17, mRNA
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Contact: Nahm B.H.
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/mol type="mRNA"
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/cultivar="Nackdong"
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/clone_lib="Rice leaf plasmid cDNA library I (30DGS)"
/clone_Tyector: pCR4-7DPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                bhnahm@ggbio.com, bhna
Location/Qualifiers
/Cultivar="macknown:
/db_xref="taxon:3947"
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/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
                                                                                                                                                                  /organism="Oryza sativa
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/cultivar="Nackdong"
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Pred. No. 4e+02;
0; Mismatches
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                                                                                                                                                                                                        (japonica cultivar-group)"
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CF319075/c
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CF336950/c
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al Similarity 88.2%;
15; Conservation
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahmæggblo.com, bhna
Location/Qualifiers
                     CF336950.1
EST.
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   Oryza sativa (japonica cultivar-group)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1. .17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 clone="HD--09-H06"
                                         GI:33822280
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Pred. No. 4e
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CF336950 mRNA linear JMT-07-D04.gl AtJMT-overexpressing transgenic rice library (JMT) Oryza sativa (japonica cultivar-group) JMT--07-D04, mRNA sequence.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="Vector: pCR4-TOPO; Site_1: ECORI; Callus was treated with ABA(20um) for lhr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       tissue type="callus"
/dev_stage="proliferated callus on
/lab_host="E.coli_DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    clone lib="OsHDAC1-overexpressing transgenic rice
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cDNA clone
                             plasmid cDNA clone
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                                                                                                                                             of Bioscience and Bioinformatics,
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                        i (bases 1 to 18)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CF298591 18 bp mRNA linear EST 15-AUG-2003
7LEAF--02-A20.bl Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--02-A20, mRNA
                                                                                                                                                                                                              Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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                                                                                                                                                                                                                                                                       Contact: Nahm B.H.
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Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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82 31 321 6355
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                                                                                              bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
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/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
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/mol_type="mRNA"
/cultivar="Nackdong"
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CF302409/c

RESULT 736

DEFINITION

CF302409 18 bp mRNA linear EST 15-AUG-2003 7LEAF--07-N19.gl Rice leaf plasmid cDNA library II (7LEAF) Oryza

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ACCESSION
VERSION
KEYWORDS
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15; Conserv
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                      Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    i (bases 1 to 18)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
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Location/Qualifiers
                                                                                                                                                 /db_xref="taxon:39947"
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/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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/clone="TEAF-02-AZ0"
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                                                                                         0.3%;
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                                                                       0;
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                                                                                           Score 13.8; DB 1;
Pred. No. 4.3e+02;
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Pred. No. 4.3e+02;
0; Mismatches 2;
                                                                           Mismatches
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                                                                                                               DB 1;
                                                                                                           Length 18;
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VERSION
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
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                                                                                                                                                                     Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HD--10-M11.b1 OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD) Oryza sativa (japonica cultivar-group) cDNA clone
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CF302409
CF302409.1 GI:33674170
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbbo.com, bhna
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Contact: Nahm B.H.
                                                                                                                                                      Contact: Nahm B.H.
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82 31 321 6355
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with oligoribonucleotides and then used as templates for
RT-pCR."
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 4.3e+02
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                      bhnahm@bio.myongji.ac.kr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 bp
                                                                                                           GreenGene Biotech Inc.;
, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (japonica
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CF320418/c
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Le Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              l Similarity
15; Conserv
  l Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group) oryza sativa (japonica cultivar-group) oryza sativa (japonica cultivar-group) Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HD--11-E22.gl OsHDAC1-overexpressing transgenic ric
library (HD) Oryza sativa (japonica cultivar-group)
HD--11-E22, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Nahm B.H.
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  0.3%;
llarity 88.2%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                         bhnahm@ggbio.com, bhna
Location/Qualifiers
                                                                              reverse
derived
line."
                                                                                                 /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone lib="OshDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
                                                                                                                                                                                /clone lib="OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
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/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                       tissue_type="callus"
/dev_stage="proliferated callus on
/lab_host="E.coli DH10B"
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/dev_stage="proliferated callus
/lab_host="E.coli DH10B"
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/clone="HD--10-M11"
                                                                                                                                                                                                                                                                                                       /mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                   organism="Oryza sativa
                                                                                                                                                                                                                                                                                         clone="HD--11-E22"
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  Score 13.8; DB 1;
Pred. No. 4.3e+02;
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CF278272/c
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l Similarity 88.2%;
l5; Conservation
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
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1 (bases 1 to 19)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J.,
Kim,J.S., Kim,J.K., Kim,Y.-K. and Nahm,B.P.
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta;
                                                           Eukaryota; Metazoa;
Mammalia; Eutheria;
1 (bases 1 to 19)
                                                                                                                                                                                                       AZ360314 19 bp DNA linear GSS 02-OCT-200 IM0103G03R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0103G03 R, genomic survey sequence.
AZ360314
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CF278272
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                                                                                                                           Mus musculus
                                                                                                                                                                                    AZ360314.1 GI:10474014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                           Mus musculus (house mouse)
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Tel: 82 31 330 6193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ehrhartoideae;
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82 31 321 6355
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with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                Chordata;
Rodentia;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 13.8; DB 1;
Pred. No. 4.5e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            bhnahm@bio.myongji.ac.kr
                                                                                Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ESTS
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RESULT 741 AZ432757

19 bp DNA linear GSS 03-OCT-200 1M0218L14F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0218L14 F, genomic survey sequence.

GSS 03-OCT-2000

S 밁

SOURCE ORGANISM

Mus musculus

musculus (house mouse)

KEYWORDS VERSION ACCESSION DEFINITION

SSD

AZ432757.1 GI:10556770

REFERENCE

AUTHORS

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (Dases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.

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FEATURES
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5409 GAAAAAATGAAAATAAA 5425
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Insert Length: 10000 Std Erro
Plate: 0103 row: G column: 0
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Fax: 801 585 7177
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                                                  llarity 88.2%;
Conservative
                                                                                                                                    Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pNR042 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /lab_host="E. Coli strain XL10-Gold, T1-resistant, F./clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /db_xref="taxon:10090"
/clone="UUGC1M0103G03"
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/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        sex="Male"
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                                                                                               0.3%;
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                                                                        Score 13.8;
Pred. No. 4.
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                                                                        4.5e+02;
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[13]
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REFERENCE
AUTHORS
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SOURCE
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AZ447251/c
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Best Local Similarity
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       TITLE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             15;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedcrsen,T., Reilly,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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                                                                                                                                                                                                                                                                                                                    AZ447251 19 bp DNA linear GSS 04
1M0244J19F Mouse 10kb plasmid UUGCIM library Mus musculus
clone UUGC1M0244J19 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0218 row: L column: 14
Seg primer: CGTTGTAAAACGACGGCCAGT
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                                                                                                                                                                                                     Mus musculus
                                                                                                                                                                                                                           Mus musculus (house mouse)
                                                                                                                                                                                                                                                                           AZ447251.1 GI:10599050
                                                                                                                                                                                                                                                                                                  AZ447251
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GGAGAGGGAGAGA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ass: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        quality sequence stop: 19.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        801 585 5606
801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of phasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /lab_host="E. Coli strain XL10-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCiM library" /notee="Vector: pW042nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Laboratory Mouse DNA Resource
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 clone="UUGC1M0218L14"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 'mol_type="genomic DNA"
'strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          db_xref="taxon:10090"
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Pred. No. 4.5e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                      AZ450180
                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 743
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Best Local S
Matches 15
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15; Conserv
                                                                                                                                                                                                                                                                                                                      19 bp DNA linear GSS 04-OCT-2000 1M0248K13R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0248K13 R, genomic survey sequence.
                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases I to 19)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
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Insert Length: 10000 Std Error:
Plate: 0244 row: J column: 19
Seg primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                         Mus musculus (house mouse)
                                                                                                                                                                                                                                                                         AZ450180.1 GI:10604710 GSS.
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Location/Qualifiers
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was but end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt end-sified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pNB42 (gi |4732114 |gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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/note="Vector: pWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
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/strain="C57BL/6J"
/db_xref="taxon:10090"
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Pred. No. 4.5e+02;
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    JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5392 TAAAAAATACAAAAA 5408
plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                         AZ505490 19 bp DNA linear GSS 05-OCT-200100346N08F Mouse 10kb plasmid UUGCIM library Mus musculus genomic Clone UUGCIM0346N08 F, genomic survey sequence.
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Insert Length: 1000 Std Error: 0.00
Plate: 0248 row: K column: 13
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
                                                                    Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
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Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                             Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                            Mammalia; Eutheria;
1 (bases 1 to 19)
                                                                                                                                                                               Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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801 585 7177
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Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
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/strain="C57BL/6J"
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AUTHORS
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ORGANISM
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KEYWORDS
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COMMENT
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Best Local Similarity
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                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. (bases 1 to 19)

Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
                                                                                                                                                                                                                                                                                                                                                                                                                           1M0507H05F Mouse 10kb plasmid \overline{UUGC1M} library Mus musculus clone \overline{UUGC1M0507H05} F, genomic survey sequence.
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                      plasmid inserts
Unpublished (2000)
                                                                           Mouse whole genome scaffolding with paired end reads from 10kb
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GSS.
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Insert Length: 10000 Std Err
Plate: 0346 row: N column: 0
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University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
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Fax: 801 585 7177
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Robert B. Weiss
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/Clome_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pWp42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackso
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/strain="C57BL/6J"
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33 bp DNA linear GSS 13-DEC-20
1M0392N08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC1M0392N08 R, genomic survey sequence.
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Insert Length: 10000 Std Error:
Plate: 0507 row: H column: 05
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleosto Mammalla; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; 1 (bases 1 to 33)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
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Fax: 801 585 7177
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igh quality sequence stop: 19.
Location/Qualifiers
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(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pWD42 (gi|4732114 gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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/note="Vector: PW027nv, Purified genomic DNA from M.
musculus C578L/6J (male) was obtained from the Jackso
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/strain="C57BL/6J"
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                                       Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 15)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                CF291030 mRNA linear EST 14-AUG-2003 14ROOT--01-E19.gl Rice root plasmid cDNA library (14ROOT) Oryza sativa (japonica cultivar-group) cDNA clone 14ROOT--01-E19, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.
Plate: 0392 row: N column: 08
Seq primer: CACACAGGAAACAGCTATGACC
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                  CF291030.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/Clone_lib="Mouse 10kb plasmid UUGCIM library"/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                      Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 26 row: I column: 23
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 17)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BQ593528 17 bp mRNA linear ES S015525-024-026-I23-SP6 MPIZ-ADIS-024-developing root CDNA clone 024-026-I23 5-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
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BQ593528.1 GI:26123111
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Location/Qualifiers
/tissue_type="developing root"
/lab_host="EMDHIOB"
/clone_lib="MPIZ-ADIS-024-developing root"
/clone_e"MPIZ-ADIS-024-developing root"
/note="Vector: pcMVSPORT6; Site_l: SalI; Site_2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /db_xref="taxon.39947"
/db xref="taxon.39947"
/clone="14R00T--01-E19"
/tissue_type="root"
/tissue_type="root"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="Rice root plasmid cDNA library (14R00T)"
/clone_Tib="Rice root plasmid cDNA library (14R00T)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                               /db_xref="GABI:193326"
/db_xref="taxon:161934"
/clone="024-026-I23"
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                                                                                                                                                                                                                                                                                            /organism="Beta vulgaris"
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/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                cultivar="KWS2320 (double haploid, monogerm
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93.3%; Pred. No. 4e+02;
tive 0; Mismatches 1;
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Matches 14; Conserv
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TITLE
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Mus musculu
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1M0245A14F Mouse 10kb plasmid clone UUGC1M0245A14 F, genomic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Contact: David L. Adelson
Animal Breeding and Genetics
Texas A&M University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: david.adelson@tamu.edu
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Porcine ESTs
Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.

1 (bases 1 to 18)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sus scrofa
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LZV602768363.R1 CSEQFXL37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tel: 9798452616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Animal Science Dept., TAMU-2471,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Adelson, D.L. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sus scrofa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BM658677.1
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 musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                            /organism="Sus scrofa"
/mol_type="mRNA"
/mol_type="mRNA"
/db_xref="taxon:9823"
/db_xref="taxon:9823"
/clone_lib="cSEQRYL37 pig adrenal"
/clone_lib="cSEQRYL37 pig adrenal"
/note="Organ: adrenal gland; Vector: pBluescript SK+;
/site_l: NotI; Site_2: EcoRI; sequence 5' of the insert
(5'-NNN. . .NNNinsert)
GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCTCGAG. Sequence 3' othe inserts (AAGAATTCGATATCAAGCTTATCGATACCGTCGAGCTCGAG.
non-normalized library, sequenced 3' with M13R primer."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               b.schulz@kws.de; cloning sites SalI-NotI, primer sites and orientation:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (pig)
                                                   GI:10600087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (2002)
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93.3%;
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Pred. No. 4.7e+02;
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Pred. No. 4.5e+02;
                                                                                  genomic survey sequence.
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                                                                                                bp DNA linear GSS 04-OCT-200
UUGC1M library Mus musculus genomic
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nal Sus
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                                                                                                                               ACCESSION
                                                                                                                                                                                  DEFINITION
                                                                                                                                                                                                                                    AL038692
                                                                                                                                                                                                                                                            RESULT 751
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Best Local Similarity
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                             ORGANISM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               source
                                                                                                                                                                                                                                                                                                                                                                                    5411 AAAAATGAAAATAAA 5425
                                                                                                                                                                                                                                                                                                                                         17
                                                                                                                                               AL038692
DKFZp566J0846_r1 566 (synonym:
DKFZp566J0846, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Robert B. Weiss
University of Utah Genome
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 High quality sequence stop: 19.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0245 row: A column: 14
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacze, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weise, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                          Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                       AL038692.1 GI:49682190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Class: plasmid ends
                                                     iomo sapiens (human)
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801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Biomedical Polymers Research Bldg.,
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/mol_type="genomic DNA"
/strain="C57BL/6J"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.4; DB 1; Length 19; Pred. No. 5e+02;
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hfkd2) Homo
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AW246505/c
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ORGANISM
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                                                                                                                                        Query Match
Best Local S
Matches 15
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JOURNAL
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Best Local
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                                                                                                                                          0.2%;
l similarity 83.3%;
15; Conservative
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Koehrer, K., Beyer, A.,
EST (Koehrer, et al.)
Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DKFZp566L173, mRNA sequence.
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DKFZp566L173_r1 566 (synonym:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 AAAAAAAAAAAAAAAAAAAA 18
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1 (bases 1 to 18)
Ottenwaelder,B., Obermaier,B., Mewes,H.W., Gassenhuber,J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                Contact: MIPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens
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                                                                                                                                                                                              /organism="Homo Bapiens"
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/mol.type="mRNA"
/db_xref="taxon:9606"
/clone="DKFZp566L173",
/tissue_type="kidney"
/dev stage="fetal"
/lab_host="xl-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: NotI; Site_2: SalI"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /dev_stage="fetal"
/dev_stage="fetal"
/lab_host="X1-2blue"
/clone_lib="566 (synonym: hfkd2)"
/note="Vector: pAMP1; Site_1: Not1; Site_2: SalI"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
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/tissue_type="kidney"
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                                                                                                                                                          Score 13.2;
Pred. No. 5e
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                                                                                                                                           Mismatches
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18 bp
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                                                                                                                                                            5e+02;
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                                                                                                                                                                         DB 1; Length 18;
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   EST 07-JAN-2000
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                                                                                                                                                                                                   BQ582676/c
                                                                                                                                                                                                                                RESULT 754
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Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center
Trimming: cross_match from University of Washingtion Genome Center
PHRAP suite. Poly-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 18
contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 18 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more T residues
at the beginning of the sequence, this cDNA insert was
                                                                                                                                                                                                                                                                                                                                            5397 AAATACAAAAAAGAAAAA 5414
                                                                                                                                                                                                                                                                                                                                                                                                           al Similarity
15; Conserv
                                                                                                                                                                                                                                                                                                            18
                                                                                                                      BQ582676 18 bp mRNA linear E012281-024-007-P18-SP6 MPIZ-ADIS-024-inflorescence CDNA clone 024-007-P18 5-PRIME, mRNA sequence.
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Other_ESTs: 2821585.5prime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AW246505
                                                                         BQ582676.1 GI:26112253
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1 (bases 1 to 18)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
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vulgaris
vulgaris
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                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /lab host="PH108 (phage-resistant)"
/clone_lib="NIH MGC_7"
/clone_lib="NIH MGC_7"
/note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /clone="IMAGE:2821585"
/tissue_type="small cell carcinoma"
/cell_line="MGC3"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="mRNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Primates;
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Pred. No. 5
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REFERENCE
AUTHORS
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                                                                       Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Spermatophyllales; Amaranthaceae; Beta.

1 (bases 1 to 18)
1 (bases 
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18 bp mRNA linear EST 06-DEC-:
E012844-024-019-E24-T7 MPIZ-ADIS-024-storage root Beta vulgaris
cDNA clone 024-019-E24 3-PRIME, mRNA sequence.
Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet goplant J. 32 (5), 845-857 (2002)
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BQ590027.1 GI:26119610
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Insert Length: 18 Std Error: 0.
Plate: 7 row: P column: 18
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Max-Planck-Institute for Plant Breeding Research
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                                                                                                                                                                                                                                                                                                                                                                                                                           Beta vulgaris
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /clone lib="MPIZ-ADIS-024-inflorescence"
/note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: Notl;
CDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7;
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r: SP6; CATACGATTTAGGTGACACTATAG
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clone="024-007-P18"
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Pred. No. 5e
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                                       sugar beet genes
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CF277873/c
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Kim, J. S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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18 bp mRNA linear EST 14-AUG-2003
14ETL--03-J04.gl Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--03-J04,
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ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
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Insert Length: 18 Std Error: 0.00
Plate: 19 row: E column: 24
Seq primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                         Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                 Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                  Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                n 0.2%; Score 13.2; DB 1; Length 18; Similarity 83.3%; Pred. No. 5e+02;
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                                                                                                       bhnahm@ggbio.com,
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/note="Vector: pcMVSPORT6; Site 1: Salte 2: Not1;
/note="Vector: pcMVSPORT6; Site 1: Saltery provided by KWS
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SP6-SalI-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by
                                                        1. .18
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/lab_host="EMDH10B"
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/clone="024-019-E24"
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/mol_type="mRNA"
/cultivar="KWS2320 (double haploid,
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/organism="Oryza sativa
/mol_type="mRNA"
                                                                          Location/Qualifiers
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                                                                                                       bhnahm@bio.myongji.ac.kr
                            (japonica cultivar-group)"
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AUTHORS
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CF297446/c
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KEYWORDS
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopaida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CF297446 18 bp mRNA linear EST 14-AUG-2003 30DGS--08-F02.gl Rice leaf plasmid cDNA library I (30DGS) Oryza sativa (japonica cultivar-group) cDNA clone 30DGS--08-F02, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CF297446.1
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                                                                                                    0.2%;
Similarity 83.3%;
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                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
                                                                                                                                                                   /dev_stage="30 days after germination"
/lab host="E.coli DH10B"
/clone_lib="Rice leaf plasmid cDNA library I (30DGS)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
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                                                                                                                                                                                                                                                                                                                                         /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
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/lab_host="E.coli DH10B"
/clone_lib="Rice etiolated leaf plasmid cDNA library
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/clone="14ETL--03-J04"
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tissue_type="leaf"
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Pred. No. 5e+02;
0; Mismatches
                                                                                                      Score 13.2; DB 1; Length 18; Pred. No. 5e+02;
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RESULT 758 CF299027/c

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                                                      Contact: Nahm B.H.

Genomics and Genetics Institute, of Bioscience and Bioinformatics,
                                                                                                                        1 (bases 1 to 18)

Kim,J.S., Jun,K.M., Cheong,P.J., Ki

Song,S.I., Kim,J.K., Kim,Y.-K. and

Large-scale Sequencing Analysis of

Unpublished (2003)
                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyt
Spermatophyta; Magnoliophyta; Liliopsida; Poales;
Ehrhartoideae; Oryzeae; Oryza.
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7LEAF--03-M14.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--03-M14, mRNA
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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18 bp mRNA linear EST 15-AUG-2003

7LEAF--02-N14.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--02-N14, mRNA
                                                                                                                                                                                                                                                                                                                                                                                     sequence.
CF299674
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza sativa (
/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon.39947"
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/lab_host="E.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: ECORI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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Pred. No. 5e+02;
0; Mismatches 3;
                                                                                                                                                                , Kim, M.J.,
                                                             GreenGene Biotech Inc.; Division, MyongJi University
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CF300456/c
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Best Local
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18
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Em
Spermatophyta; Magnoliophyta; Lillopsida;
Ehrhartoideae; Oryzeae; Oryza.
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                                                                         l Similarity
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)

Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                          Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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EST.
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                     AGAAAAAATGAAAATAAA 5425
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                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                    bhnahm@ggbio.com, bhna
Location/Qualifiers
                                                                                                                                                                 /dev_stage="7 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="Rice leaf plasmid cDNA library II (7LEAF)"
/clone_lib="Vector: pCR4-TOPO; Site_l: EccRI; mRNA was capped
with oligoribonucleotides and then used as templates for
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/clone="TLEAF"-03-M14"
/tissue_type="leaf"
/tissue_type="leaf"
/dev_stage="7 days after germination"
/lab_host="E.coli DH10B"
/lab_host="E.coli DH10B"
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/clone lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
                                                                                                                                                                                                                                                               /db_xref="taxon:39947"
/clone="7LEAF--04-N23"
/tissue_type="leaf"
                                                                                                                                                                                                                                                                                                                           organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                           0.2%;
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                                                                                           Pred. No. 5e+02;
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Pred. No. 56
                                                                           Mismatches
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                                                                                                                                                                                                                                                                                                                                                                  (japonica cultivar-group) "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MyongJi University
                                                                                                             DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lee, T.H.,
                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Inc.; Division
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CF301325/c
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CF301760/c
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AUTHORS
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rioe ESTs
Unpublished (2003)
                                                                                                                                                           Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                                         1 (bases 1 to 18)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTS

Unpublished (2003)
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7LEAF--06-L22.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa (japonica cultivar-group) cDNA clone 7LEAF--06-L22, mRNA
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Tel: 82 31 310 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
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CF301325
CF301325.1 GI:33673086
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Similarity 83.3%;
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Nahm B.H.
and Genetics
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/cultivar="Nackdong"
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Institute,
  GreenGene Biotech
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                                                                                                                  Lee, T.H.,
  Inc.; Division
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CF309376/c
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Best Local
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                                                                                                                                                                                                                                                                                                                  Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeonggi, Korea Tel: 82 31 330 6193 Fax: 82 31 321 6355 Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CF309376

ABF--03-I19.bl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            h 0.2%;
Similarity 83.3%;
15; Conservative
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Location/Qualifiers
                                                                                  /tissue_type="leaf"
/dev stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="ABF3-overexpressing transgenic rice
cDNA library (ABF)"
element binding transcription factor 3 overexpression
line."
                            /note="Vector: pCR4-TOPO; Site 1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Oryza sat
/mol_type="mRNA"
/cultivar="Nackdong"
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/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                /db_xref="taxon:39947"
/clone="ABF--03-I19"
                                                                                                                                                                                                                                                                                                    ocation/Qualifiers
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'clone="7LEAF--06-L22"
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Pred. No. 5e+02;
); Mismatches 3;
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Lee, T.H.,

Shin, Y.C.

Division

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RESULT 765
CF329485
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AUTHORS
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JOURNAL
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Best Local (
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  Oryza sativa (japonica cultivar-group) oryza sativa (japonica cultivar-group) oryza sativa (japonica cultivar-group) Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                CF329485

18 bp mRNA linear EST 18-AUG-2003
NACL--04-N06-gl Rice callus plasmid cDNA library (NACL) Oryza
                                                                                                                             sequence.
CF329485
CF329485.1 GI:33807209
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Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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NACL--04-N06.b1 Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--04-N06, mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /tissue_type="callus"
/dev stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RT-PCR."
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/clone="NACL--04-N06"
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 5e+02;
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Pred. No. 5e+02;
0; Mismatches 3;
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AZ432757/c
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Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AUTHORS
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AZ432757.1
GSS.
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19 bp DNA linear
1M0218L14F Mouse 10kb plasmid UUGC1M library Mus
clone UUGC1M0218L14 F, genomic survey sequence.
                                                                                                                                                Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error:
Plate: 0218 row: L column: 14
                                                                                                                                                                                                                                                                           Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                     High quality sequence stop:
                                                                                                             Class: plasmid ends
                                                                                                                             Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                     plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                   Unpublished (2000)
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Location/Qualifiers
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/tissue type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days'
/lab_host="5.coli DH108"
/clone=lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
/organism="Mus musculus"
/mol_type="genomic DNA"
                                                               Location/Qualifiers
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 5e+02;
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                                                                                                                                                                                                                                                                                              Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael
Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael
R. Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       twl1c02.x1 NCI CGAP Brn52 Homo sapiens cDNA clone I similar to TR:000599 000599 CON1. ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (GGAP/BTGAA), Tumor Gene Index
(CGAP/BTGAA), Tumor Gene Index
(CGAP/BTGAA), Tumor Gene Index
                                                                                                                                                                               Insert Length: 353 Std Erro
Seq primer: -40UP from Gibco
                                                                                                                                                                                                              Trace considered overall poor quality Insert Length: 353 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (CGAP/BTGAP), Tumo
Unpublished (1998)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AI590540
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AI590540.1 GI:4599588
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                                                                                                                                                      quality sequence stop: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pupda? (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA
                                                                                         Location/Qualifiers
/organism="Homo sapiens"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /db_xref="taxon:10090"
/clone="UUGC1M0218L14"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      'lab_host="E. Coli strain XL10-Gold, T1-resistant,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           sex="Male"
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Pred. No. 5.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
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sapiens cDNA clone IMAGE:2259362 3'
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Matches

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REFERENCE AUTHORS

TITLE

FEATURES

Query Match Best Local Similarity

0.2%;

Score 12.8; DB 1; Pred. No. 5e+02;

VERSION KEYWORDS

ACCESSION

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REFERENCE
AUTHORS
TITLE
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ORGANISM
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KEYWORDS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                  Insert Length: 1683 Std Erro
Seq primer: -40UP from Gibco
High quality sequence stop: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D.,
Emmert-Buck, M.D., Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 16)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AI569544 16 bp mRNA linear EST 12-MAY-1999 to28d10.x1 NCI CGAP Ut4 Homo sapiens cDNA clone IMAGE:2180371 3' similar to TR:018444 Q18444 COSMID C34D4. ;contains MSR1.b2 MSR1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CDNA Library Preparation: Life Technologies, Inc. CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                           Trace considered overall poor quality
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     www-bio.llnl.gov/bbrp/image/image.html
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/clone="IMAGE:2559362"
/tissue_type="tumor, 5 pooled (see description)"
/lab host="DH108"
/lab host="DH108"
/clone lib="NCI_CGAP_Brn52"
/clone="Torgan: brain; Vector: pCMV-SPORT6; Site_1: Sall;
/note="Organ: brain; Vector: pCMV-SPORT6; Site_1: Sall;
/site_2: NotI; This library represents the normalized version of NCI_CGAP_Brn35. Cloned unidirectionally.
Primer: Oligo dT. Average insert size I:19 kb. Tumor types include: meningioma, oligodendrogiloma, astrocytoma (grade II), medulloblastoma, astrocytoma (grade IV).
Constructed by Life Technologies."
/clone_lib="NCI_CGAP_Ut4"
/note="Organ: uterus; Vector: pCMV-SPORT6; Site_1: Sall;
/note="Organ: uterus; Vector: pCMV-SPORT6; Site_1: Sall;
Site_2: NotI; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 1.48 kb. Life Technologies catalog #:
                                                                                                                                     pooled tumors"
                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2180371"
                                                                                                                                                                                                                                                                                                                 Location/Qualifiers
                                                                                                                                                        tissue_type="serous papillary carcinoma, high grade,
                                                                                                       host="DH10B"
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100.0%; Pred. No.
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                                                                                                                                                                                                                                                                                                                                                                                                                      Std Error: 0.00
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hes 0;
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Matches

14;

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RESULT 770
BQ590507/c
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AUTHORS
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BQ590166/c
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                                                                                                     16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Leh and Radelof,U.
  BQ590507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 19 row: K column: 18
Seq primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryotā; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E012844-024-019-K18-T7 MPIZ-ADIS-024-storage root Beta vulgaris cDNA clone 024-019-K18 3-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Construction of a 'unigene' cDNA clone set by oligonuclectide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Beta vulgaris
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Weisshaar
                                                                                                                                                                                                       Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CCCCTCCCCCCCCACCC 16
                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                            SP6-Sall-CCACGCGTCCG-Sprime-cDNA-polyA-CC-NotI-T7; Note Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                 /clone_lib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
Schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /tissue_type="storage root"
/lab_host="EMDH108"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone="024-019-K18"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      db_xref="taxon:161934"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         db_xref="GABI:189955"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               cultivar="KWS2320 (double haploid, monogerm breeding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Beta vulgaris"
                                                                                                                                                                                                     0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     type="mRNA"
                                                                                                                                                                                  0,
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Pred. No. 56
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16
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mRNA
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Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

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Beta vulĝaris Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.
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S013686-024-028-F08-SP6R MPIZ-ADIS-024-developing root Beta
vulgaris cDNA clone 024-028-F08 5-PRIME, mRNA sequence.
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BQ592600
BQ592600.1 GI:26122183
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Insert Length: 16 Std Error: 0.00
Plate: 19 row: M column: 04
Seq primer: T7; GTAATACGACTCACTATAGGGC.
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ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
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/note="Vector: pCMVSPORT6; Site 1: Sall; Site 2: Not1;
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    b.schulz@kws.de; cloning sites SalI-NotI, primer sites
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/mol_type="mRNA"
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lab_host="EMDH10B"
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                                                                                                                                                                                     Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledona; core eudicota; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 16)
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Insert Length: 16 Std Error: 0.00
Plate: 28 row: F column: 08
Seq primer: SP6r; ATTTAGGTGACACTATAGAAGA.
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
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Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
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BQ592965.1 GI:26122548
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                                                            Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet general J, 32 (5), 845-857 (2002)
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Similarity 87.5%;
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  Weisshaar B
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/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
cDNA library from sugar beet, llbrary provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
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/lab_host="EMDH108"
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/clone="024-028-F08"
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/mol_type="mRNA"
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Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Pax: 0049221502851
                Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 22 row: P column: 02
Seq primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                        Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
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Plate: 28 row: A column: 01
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Max-Planck-Institute for Plant Breeding Research
Carl-yon-Linne Meg 10, 50829 Koeln, Germany
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Insert Length: 16 Std Error: 0.00
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/note="Vector: pCMVSPORT6; Site 1: Sal1; Site 2: Not1;
/note Total from sugar beet, library provided by KWS
cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
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/mol_type="mRNA"
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Pred. No. 5e+02;
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E012692-024-022-H07-SP6 MPIZ-ADIS-024-developing root Beta vulgaris
cDNA clone 024-022-H07 5-PRIME, mRNA sequence.
BQ595717
                                                                                                                                                                                                                                                                                                                                                   Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 22 row: H column: 07
Seq primer: SP6; CATACGATTTAGGTGACACTATAG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
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1 (Dases 1 to 16)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski, M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Carl-von-Linne Weg 10, 50829 Koeln, Fax: 00492215062851
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/note="Vector: pcMVSPORT6; Site_1: SalI; Site_2: NotI;
CDNA library from sugar beet, library provided by KWS
CDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
bschulz@kws.de; cloning sites SalI-NotI, primer sites an
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/tissue_type="developing root"
/lab_ho&t="EMDH10B"
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                                                                                                                                                                                                                                                                  organism="Beta vulgaris"
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tivar="KWS2320 (double haploid, monogerm breeding
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5393 AAAAAAATACAAAAAA 5408
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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14ETL--05-J09.gl Rice etiolated leaf plasmid cDNA library (14ETL)
Cryza sativa (japonica cultivar-group) cDNA clone 14ETL--05-J09,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L. Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Tel: 82 31 330 6193 Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Nahm B.H.
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                                                                                                                                              /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for pr-pr "
                                                                                                                                                                                                                                                   /tissue_type="leaf"
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/ob_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                        clone="14ETL--05-J09"
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ocation/Qualifiers
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                                                                Score 12.8; DB 1; Length 16; Pred. No. 5e+02;
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                                               Mismatches
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CF296130
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Genomics and Genetics Institute, GreenGene Biotech Inc.;
of Bioscience and Bioinformatics, MyongJi University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                            Contact: Nahm B.H.

Genomics and Genetics Institute, of Bioscience and Bioinformatics,
                                                                                                                                1 (bases 1 to 16)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J.

Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm,

Large-scale Sequencing Analysis of Rice

Unpublished (2003)
                                                                                                                                                                                                                                                                  Oryza sātiva (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae;
                                                                                                                                                                                                                                                                                                                                                                                  ABF--06-C03, mRNA sequence.
CF311057
CF311057.1 GI:33682818
                                                                                                                                                                                                                                                                                                                                                                                                                                               CF311057

ABF--06-C03.gl ABF3-overexpressing transgenic rice plasmid cDNA library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Laxge-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CF296130.1 GI:33665163
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Oryza sativa (japonica cultivar-group)"
/mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/db xref="taxon:39947"
/clone="30DGS--06-F22"
/tlssue_type="leaf"
/tlssue_type="leaf"
/tlssue_type="leaf"
/tlssue_type="leaf"
/clone="B.coli DH10B"
/lab_host="E.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library I (30DGS)"
/clone lib="Rice leaf plasmid cDNA library I (30DGS)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
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Rice leaf plasmid cDNA library I (30DGS) Oryza
cultivar-group) cDNA clone 30DGS--06-F22, mRNA
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Pred. No. 5e
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                                                                 GreenGene Biotech Inc.; MyongJi University
                                                                                                                                                                                                   Kim, M.J.,
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CF314013/c
LOCUS
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                    Genomics and Genetics Institute, GreenGene Biotech Inc., of Bioscience and Bioinformatics, MyongJi University Yongin, Kyoea Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Cryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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EST.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HD--02-G01.g1 OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) o
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                                                                                                                                                                                                                                                                                                                           bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
Location/Qualifiers
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/note="Vector: pCR4-TOPO; Site_1: ECORI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
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(ABF)"

(CR4-TOPO), Site 1: ECORI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
                                                                                 CDNA library (HD) "
                                                                                                      /tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/dev_bagt="proliferated"
/lab_host="s.coli_DH10B"
/clone_lib="09HDAC1-overexpressing transgenic rice plasmic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /tissue_type="leaf"
/dev_stage="14 days after germination"
/dev_stage="15 coli DH108"
/clone_lib="ABF3-overexpressing transg
                                                                                                                                                                                                                /organism="Oryza sativa (japonica cultivar-group)"
"mol_type="mRNA"
"cultivar="wackdong"
| db_xref="taxon:39947"
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clone="ABF--06-C03"
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cultivar="Nackdong"
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                                                                                                                                                                                                clone="HD--02-G01"
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87.5%;
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Pred. No. 5e+02;
D; Mismatches
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Query Match

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Score 12.8;

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CF314377/c
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KEYWORDS
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Best Local
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                      ORGANISM
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                                                                                                                                                                                                                                                                                                                     5393 AAAAAAATACAAAAAA 5408
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta
                                                                                                                HD--04-N10.gl OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) c HD--04-N10, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 16)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            of Bioscience and Bioinformatics,
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CF314377 16 bp mRNA linear EST 15-AUG-HD--02-001.bl OsHDAC1-overexpressing transgenic rice plasmid cllibrary (HD) Oryza sativa (japonica cultivar-group) cDNA clone
                                                                             CF315789
CF315789.1 GI:33687550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                CF315789
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HD--02-001, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                              Similarity
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                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      /Clone lib="OsHDAC1-overexpressing transgenic rice placeDNA library (HD)"
(DNA library (HD)"
(note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for lhr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza Bativa
/mol type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /dev_stage="proliferated callus on 2N6 media for 2 weeks" | lab_host="E.coli DH10B"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  tissue_type="callus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         clone="HD--02-001"
                                                                                                                                                                                                                                                                                                                                                                            0.2%;
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                                                                                                                                                                                                                                                                                                                                                          Score 12.8; DB 1;
Pred. No. 5e+02;
0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          bhnahm@bio.myongji.ac.kr
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Streptophyta;
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                                                                                                                                                                                mRNA
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  Embryophyta; Tracheophyta;
                                                                                                                                                                                                                                                                                                                                                                                               Length 16;
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CF316056/c
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AUTHORS
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                                                                                                  FEATURES
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DEFINITION
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                                                                                                                                                                                                                                                                                                                     AUTHORS
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Best Local
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                      Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyt
Spermatophyta; Magmoliophyta; Liliopsida; Poales;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14;
                                                                                                  Email: bhnahm@ggbio.com, bhn.
Location/Qualifiers
                                                                                                                                                                                              Contact: Nahm B.H.
Genomics and Genetics Institute, of Bioscience and Bioinformatics,
                                                                                                                                                                                                                                                          I (bases 1 to 16)

Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                          EST.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HD--05-D07, mRNA sequence.
CF316056
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HD--05-D07.bl OsHDAC1-overexpressing transgenic rice plasmid of library (HD) Oryza sativa (Japonica cultivar-group) cDNA clone
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                                                                                                                                         Tel: 82 31 330 6193 Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CF316056.1 GI:33687817
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     derived from rice Histone Deacetylase line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /dev stage="proliferated callus on 2N6 media for 2 weeks" /lab_host="E.coli DH10B" /clone lib="OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
                                      /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  'db_xref="taxon:39947"
'clone="HD--04-N10"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                                                                                                                Korea
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 12.8;
Pred. No. 5e
                                                                                                                    bhnahm@bio.myongji.ac.kr
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5e+02;
                                                                                                                                                                                                GreenGene Biotech Inc.; Division, MyongJi University
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Matches 14;
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Best Local
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnollophyta; Liliopsida; Poales; Poaceae;
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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CF317718.1 GI:33689479
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Similarity 87.5%;
14; Conservative
                                                                                                                                        Similarity
                                                               ААААААТАСААААА 5408
                        AAAAAAAAAAAAAA 1
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                                                                                                                  Conservative
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                                                                                                                                                                                                                              /Clone lib="OSHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
/note="Vector: pCR4-TOPO; Site 1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was derived from rice Histone Deacetylase overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /clone lib="OsHDAC1-overexpressing transgenic rice plasmid cDNA library (HD)"
                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Oryza sativa (japonica cultivar-group)"
,mol type="mRNA"
/cultivar="Nackdong"
/db xref="taxon:39947"
/clone="HD--07-105"
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/lab_host="E.coli DH10B"
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/tissue_type="callu
                                                                                                                                                                                                                                                                                                                                                                         tissue type="callus"
/dev_stāge="proliferated callus on 2N6 media for 2 weeks"
/lab_host="B.coli DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        location/Qualifiers
                                                                                                                                      0.2%;
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                                                                                                             Score 12.8; DB 1;
Pred. No. 5e+02;
0; Mismatches 2;
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CF320356/c
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              Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 16)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
                                                                                                                                                                                                                                                                                                                        CF327722

16 bp mRNA linear EST 18-AUG-2003

NACL--02-F06.bl Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--02-F06, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbbo.com, bhna
Location/Qualifiers
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Eukaryota; Viridiplantae; Liliopsida; Poales; Poaceae;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ebrhartoideae; Oryzeae; Oryza.
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Large-scale Sequencing Analysis 
Unpublished (2003)
                                                                                                                                                                                                                                     EST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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CF320356
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       line.
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/mol_type="mRNA"
/cultivar="Nackdong"
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'dev_stage="proliferated callus on 2N6 media for 2 weeks"
'lab_host="B.coli DH10B"
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'clone="HD--11-D14"
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                                                                                                                                                                                                                                                             GI:33803695
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Pred. No. 5e+C
O; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8; DB;
5e+02;
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VERSION KEYWORDS

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Best Local Similarity
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1 (bases 1 to 16)
1 (Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Le Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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CF329320
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16 bp mRNA linear EST 18-AUG NACL--04-J17.bl Rice callus plasmid cDNA library (NACL) Oryza sativa (japonica cultivar-group) cDNA clone NACL--04-J17, mRNA
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Tel: 82
Fax: 82
                                                                                                                                                                                                                                                                                                                                                                            Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                          Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Large-scale Sequencing Analysis 
Unpublished (2003)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Nahm B.H.
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                                                                                                                                                                                                                                                                                                                                                   Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.
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82 31 330 6193
82 31 321 6355
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                                                           /clone lib="Rice callus plasmid cDNA library (NACL)" /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was cap with oligoribonucleotides and then used as templates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /clone lib="Rice callus plasmid cDNA library (NACL)" /note="Vector: pCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonuclectides and then used as templates for RT-PCR."
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/db_xref="taxon:39947"
/db_xref="taxon:39947"
/clone="NACL-02-P66"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E_coli DH10B"
/lab_host="E_coli DH10B"
                                                                                                                         /tissue_type="callus"
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/lab_host="E.coli_DH10B"
/lab_hist="E.coli_DH10B"
                                                                                                                                                                                                                                                              /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
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/mol_type="mRNA"
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0.2%;
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Query Match

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DB 1:

Length 16

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CF333386
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    REFERENCE
                                                             SOURCE
ORGANISM
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 17)
                                                                                                                                                                    AW247165 17 pp mknA illear but your 2819675.3prime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2819675
                                                                                                                                                                                                                                                                                                                                                                                 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 16)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., L.
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CF333386 Is a by mRNA linear EST 18-AUG-2003 JMT--02-E05.gl AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT) Oryza Bativa (japonica cultivar-group) cDNA clone JMT--02-E05, mRNA sequence. CF333386 CF333386.1 GI:33815044 EST.
                                                             Homo sapiens
                                                                                                                       AW247165.1 GI:6590158
                                                                                                                                         AW247165
                                                                                                                                                            mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                Homo sapiens (human)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                    Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /note="Vector: pCR4-TOPO; Site 1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /dev_stage="14 days after germination"
/lab_host="E.coli DHIOB"
/clone lib="AktMT-overexpressing transgenic rice plasmid
cDNA library (JMT)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           methyltransferase overexpression line."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /db_xref="taxon:39947"
/clone="JMT--02-E05"
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ORGANISM
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BQ590687
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TITLE
JOURNAL
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Email: cgapbs r@mail.nih.gov

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.

Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
be found through the I.M.A.G.E. Consortium/LLNL at:
consortium (LNL) at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center
Trimming: cross match from University of Washingtion Genome Center
PHRAP suite. PoTy-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 17
contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 17 contiguous distinct
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                                                                                                                                             Beta vulgaris

Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 17)

Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,

Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.

and Radelof,U.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            BQ590687 17 bp mRNA linear EST 06-DEC-2002 $013717-024-018-B24-T7 MPIZ-ADIS-024-storage root Beta vulgaris cDNA clone 024-018-B24 3-PRIME, mRNA sequence. BQ590687 BQ590687.1 GI:26120270
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National Institutes of Health, Mammalian Gene Collection (MGC)
   Contact: Weisshaar B
                                                                                 Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)
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/clone_lib="NIH_MGC_7"
/clone_Worgan: lung; Vector: pOTB7; Site_1: XhoI; Site_2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adaptor: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-CDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."
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/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2819675"
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Best Local Similarity
Matches 14; Conserv
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                                                                                                               Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 17)

Herwig.R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M., Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17 bp mRNA linear EST 06-DEC-2
E012715-024-017-B22-T7 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-B22 3-PRIME, mRNA sequence.
B0591177
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                                                                                                                                                                                                                                                                                   Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes plant J. 32 (5), 845-857 (2002)
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Beta vulgaris
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EST.
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Seq primer: T7; GTAATACGACTCACTATAGGGC.
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Max-Planck-Institute for Plant Breeding Research
                   Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 17 row: B column: 22
Seg primer: T7; GTAATACGACTCACTATAGGGC
                                                                                                                                                                                                                                                                                                                                                             and Radelof, U.
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ilarity 87.5%;
Conservative C
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/note="Vector: pCMVSPORT6; Site 1: Salte 2: Not1;
/note="Vector: pCMVSPORT6; Site 1: Salte 2: Not1;
cDNA library from sugar beet, llbrary provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SP6-SalI-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
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/mol_type="mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tissue_type="storage root"
/lab_host="EMDH10B"
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/clone="024-018-B24"
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ocation/Qualifiers
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Pred. No. 5.2e+02;
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17 bp mRNA linear EST 06-DEC-20
E012616-024-017-C15-SP6 MPIZ-ADIS-024-storage root Beta vulgaris
CDNA clone 024-017-C15 5-PRIME, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Meg 10, 50829 Koeln, Germany
                                                                                                                                                                                                                                                                                                             Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 17 Std Error: 0.00
Plate: 17 row: C column: 15
Seg primer: SP6; CATACGATTTAGGTGACACTATAG
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Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet guiplant J. 32 (5), 845-857 (2002)
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/clone_lib="MPIZ-ADIS-024-storage root"
/clone_tib="MPIZ-ADIS-024-storage root"
/note="Vector: pCMVSPORT6; Site_1: SalI; Site_2: NotI;
/note="Vector: pCMVSPORT6; Site_1: SalI; Site_2: NotI;
/cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Prof. Christian Jung; Sequence submission manag RZPD/GABI-Primary database: http://gabi.rzpd.de"
                        /tissue_type="storage root"
/lab_host="EMDH10B"
                                                                                                                                                                                                              /organism="Beta vulgaris"
/mol_type="mRNA"
                                                                                                                                                                                                                                                                                       Location/Qualifiers
                                                                                 /clone="024-017-C15"
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/db_xref="taxon:161934"
'clone_lib="MPIZ-ADIS-024-storage root"
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/cultivar="KWS2320 (double haploid, monogerm breeding
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ACCESSION VERSION

SOURCE KEYWORDS

ORGANISM

RESULT 790 BQ591588/c

DEFINITION

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Best Loc Matches

REFERENCE AUTHORS

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CF290854/c
                                                                    Query Match
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                                         5393 AAAAAAATACAAAAA 5408
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyt
Spermatophyta; Magnoliophyta; Liliopsida; Poales;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Song,S.I., Kim,J.K., Kim,Y.-K. ar
Large-scale Sequencing Analysis of
Unpublished (2003)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            bhnahm@ggbio.com, bhna
Location/Qualifiers
                                                                                                                                                                           /tissue type="root"
/dev stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="Rice root plasmid cDNA library (14ROOT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
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                                                                                                                                                                         RT-PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        orientation:
SP6-SalI-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7;
                                                                                                                                                                                                                                                                                                                          'db_xref="taxon:39947"
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                                                                                                                                                                                                                                                                                                                                                                     /organism="Oryza sativa (japonica cultivar-group)"
|mol_type="mRNA"
|cultivar="Nackdong"
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                                                                                                       Score 12.8; DB 1;
Pred. No. 5.2e+02;
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Pred. No. 5.
                                                                                       Mismatches
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. and Nahm,B.H.
is of Rice ESTs
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., L.

Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                      CF298589 17 bp mRNA linear EST 15-AUG-2003 7LEAF--02-A18.bl Rice leaf plasmid cDNA library II (7LEAF) Oryza 6 pativa (japonica cultivar-group) cDNA clone 7LEAF--02-A18, mRNA
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                  Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                               Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
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with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 5.2e+02;
0; Mismatches 2;
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bhnahm@bio.myongji.ac.kr
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                                                                                               Query Match
Best Local (
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Kim, J. S., Jun, K.M., Cheong, P. J., Kim, M. J., L.,
Song, S. I., Kim, J. K., Kim, Y. -K. and Nahm, B. H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                            Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@ggbio.com,
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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                                                                                                 Similarity
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with oligoribonucleotides and then used as templates fo
RT-PCR."
                                                                                                                                                             /db_xref="taxon:39947"
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with oligoribonucleotides and then used as templates for
RT-PCR."
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/cultivar="Nackdong"
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Pred. No. 5.2e+02;
                                                                            Score 12.8; DB 1
Pred. No. 5.2e+02
); Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                              bhnahm@bio.myongji.ac
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                           Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
                                                                            Contact: Nahm B.H.
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TLEAF--07-P11.bl Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--07-P11, mRNA
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82 31 330 6193
82 31 321 6355
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ilarity 87.5%;
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Location/Qualifiers
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Pred. No. 5.2e+02;
0; Mismatches 2;
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ABF--06-L20.b1 ABF3-overexpressing transgenic rice plasmid cDNA
library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
ABF--06-L20, mRNA sequence.
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Enthartoideae; Oryzeae; Oryza.
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Losong,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                        Email: bhnahm@ggbio.com, bhn
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                     Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Nahm B.H.
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/note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
                                                                                    /db xref="taxon:39947"
/clone="ABF-06-120"
/tissue type="left"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"
                                                                                                                                                                                                                                               /tissue_type="leaf"
/dev_stage="14 days after germination"
/dev_stage="14 days after germination"
/ab host="E.coli DH10B"
/clone_lib="ABF3-overexpressing transgenic rice plasmid
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/mol_type="mRNA"
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Pred. No. 5.2e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                             bhnahm@bio.myongji.ac.
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CF334566 17 bp mRNA linear EST 18-AUG-20 JMT--03-013.gl AtJMT-overexpressing transgenic rice plasmid cDNA library (JMT) Oryza sativa (japonica cultivar-group) cDNA clone JMT--03-013, mRNA sequence. CF334566 CF334566 CF334566 1 GI:33817460 EST.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Genomics and Genetics Institute, GreenGene Biotech In of Bioscience and Bioinformatics, MyongJi University YongJi, Kyeenggi, Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 17)
Kim,J.S., Jun,K.M., Cheong,P.J.,
Song,S.I., Kim,J.K., Kim,Y.-K. a
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Similarity 87.5%;
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82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                        /note="Vector: pCR4-TOPO; Site 1: ECORI; Leaf was dried for 2hrs. Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was prepared from ABA-responsive element binding transcription factor 3 overexpression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /dev_stage="14 days after germination"
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/clone lib="ABF3-overexpressing transgenic rice plasmid cDNA library (ABF)"
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 5.2e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                           Score 12.8; DB 1; Length 17; Pred. No. 5.2e+02;
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                          Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                1 (bases 1 to 18)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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CF301057
TLEAF--05-M05.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--05-M05, mRNA
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                                                                                                                                                                        Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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Location/Qualifiers
                                                                                      bhnahm@ggbio.com,
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/lab_host=_FE.coli DH10B"
/clone lib="AtJWT-overexpressing transgenic rice plasmid cDNA lībrary (JWT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Oligo-capped mRNA was reverse transcribed and then used for PCR. mRNA was pepared from Arabidopsis Jasmoinate Carboxyl methyltransferase overexpression line."
  /organism="Oryza
/mol_type="mRNA"
                                                                Location/Qualifiers
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/clone="JMT--03-013"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GI:33672818
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                                                                                                                                                       Korea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 12.8; DB 1
Pred. No. 5.2e+02
                                                                                      bhnahm@bio.myongji.ac
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                        sativa (japonica cultivar-group)"
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Length 17; Indels

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Gaps

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Embryophyta; Tracheophyta; a; Poales; Poaceae;

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RESULT 802
AZ776487/c
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Best Local Similarity
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CF329285

18 bp mRNA linear EST 18-AUG-2003
NACL--04-I22.bl Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--04-I22, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Large-scale Sequencing Analysis 
Unpublished (2003)
  AZ776487
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CF329285.1 GI:33806806
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82 31 330 6193
82 31 321 6355
                                                                                                                                                                                       Conservative
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Location/Qualifiers
                                                                                                                                                                                                                                                                    /clone="NACL--04-122"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/dab_host="E.coli DH10B"
/clone_lib="Rice_callus plasmid_cDNa_library_(NACL)"
/note="Vector: pCR4-TOPO; Site_1: BcoRI; mRNA_was_capped
with_oligoribonucleotides_and_then_used_as_templates_for_RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /dev_stage="7 days after germination"
/lab_host="E.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library II (7LEAF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                              /cultivar="Nackdong"
/db_xref="taxon:39947"
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/tissue_type="leaf"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism="Oryza sativa (japonica cultivar-group)"
(mol_type="mRNA"
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/db_xref="taxon:39947"
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Pred. No. 5.5e+02;
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Pred. No. 5.5e+02;
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DEFINITION
                                        AJ662980
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AJ662980 AJ662980

21 bp mRNA linear EST 28-JUN-2004 CSEQRAN09 Sus scrofa cDNA clone C0000024_P01, mRNA

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SOURCE
ORGANISM
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Matches 17
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224 TCTCCCCTCACCCTCACCCTCCCT 247
                                                  al Similarity
17; Conserv
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Location/Qualifiers
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Insert Length: 10000 Std Error:
Plate: 0010 row: G column: 08
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (Dases 1 to 27)
1 (Dases 1 to 27)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2M0010G08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0010G08 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mouse whole genome scaffolding with paired end reads from 10kb
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                                                        Conservative
                                                                                                                                                     (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pND42 (gi | 4732114 | gb | AF12972.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clome_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWh42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   clone="UUGC2M0010G08"
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                                                                               0.2%;
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                                                     Score 12.8; DB 1;
Pred. No. 7.2e+02;
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AUTHORS
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AZ342914
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AJ662980
AJ662980.1
                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus 1 (bases 1 to 26)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Niederhausern, A. and Wright, D., Weiss, R. Mouse, whole genome scaffolding with paired end reads from 10kb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AZ342914 26 bp DNA linear GSS 29 1M0076C22F Mouse 10kb plasmid UUGC1M library Mus musculus clone UUGC1M0076C22 F, genomic survey sequence.
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Single pass sequencing. Bases called and trimmed with phred
v0.020425.c. Vector identified by cross_match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(KS+) R. Site 1:
ECORI R. Site 2: NotI Description: Normalised library constructed
from pooled tissue from day 30 placentas. Clones available from UK
Centre for Functional Genomics in Farm Animals, Roslin Institite,
Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Anderson, S.I., Finlayson, H.A. and Archibald, A.L.
Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle
Unpublished (2004)
                                                                                         Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Reso
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Genomics and Bioinformatics
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                                                                                                                                                                                   Unpublished (2000)
                                                                                                                                                                                                              plasmid inserts
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                   801 585 5606
801 585 7177
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                                                                        USA
ddunn@genetics.utah.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Sus scrofa"
/mol type="makN."
/mol type="maxN.)9823"
/db xref="raxon.)9823"
/clone="C0000024 P01"
/tissue type="placenta"
/clone_Tib="C3EQRAN09"
/clone_Tib="C3EQRAN09"
/note="Vector: pBlueScriptI(KS+); Site_1: EcoRI; Site_2:
/note="Vector: pBlueScriptI, Normalised library
/noti; Single pass sequencing. Normalised library
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           constructed from pooled tissue from day 30 placentas."
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Pred. No. 6.5e+02;
                                                                                            Bldg.,
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AZ873739
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                                                                                                                                                                                                                                                      Mus musculus

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Musinae; Mus.

1 (bases 1 to 27)

1 (bases 1 to 27)

1 John, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

1 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weiss, R.

Mouse whole genome scaffolding with paired end reads from 10kb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ب
                                                                                                                                              Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AZ873739 27 bp DNA linear GSS 21-FEB-20 2M0187C08R Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0187C08 R, genomic survey sequence.
                                                 Tel: 801 585 5606
Fax: 801 585 7177
                                                                                                                                                                                                                   plasmid inserts
Unpublished (2000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   High quality sequence stop: 26.
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Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Err
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Mus musculus (house mouse)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was higher repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt end-sin high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW942 (gi|4732114|gb|AF129072.1), a copy-number inducable derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                        USA
                                                                                                                          Biomedical
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Laboratory Mouse DNA Resource
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/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: PWD42nv; Purified genomic DNA from N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /db_xref="taxon:10090"
/clone="UUGC1M0076C22"
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/strain="C57BL/6J"
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       Std Error: 0.00
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                                                                                                                                                                                                                                                                                                  Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaa; Oryza.

1 (bases 1 to 14)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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14 bp mRNA linear EST 15-AUG-2003

7LEAF--05-L10.gl Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--05-L10, mRNA
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High quality sequence stop: 27.
                                                                                                                                         Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                       Genomics and Genetics Institute, GreenGene Biotech Inc., Division of Bioscience and Bioinformatics, MyongJi University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CF301021.1
                                                                                                                                                                                                                                                                                   Contact: Nahm B.H.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pW042 (gi |4732114 |gb |AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."
                                                                                                                bhnahm@ggbio.com,
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/note="Vector: PWD42nv; Purified_genomic_DNA_from_M.
musculus_C57BL/6J_(male) was_obtained_from_the_Jackson
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
                                                                                      Location/Qualifiers
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/strain="C57BL/6J"
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Oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               sequence.
CF327203
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Losong,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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/lab_host="E.coli DH10B"
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/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
                                                                                                                                                                                                                                        with oligoribonucleotides
                                                                                                                                                                                                                                    RT-PCR.
                                                                                                                                                                                                                                                                    /db_xref="taxon:39947"
/clone="NACL--01-J16"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone lib="Rice callus plasmid cDNA library (NACL)"
/clone lib="rector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:39947"
/clone="7LEAF--05-L10"
/tissue_type="leaf"
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Pred. No. 4.9e+02;
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Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lt.
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                 Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., L. Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H. Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)

Contact: Nahm B.H.
                                                                                                                                                                                                                                                                          Oryza sativa (japonica cultivar-group) Oryza sativa (japonica cultivar-group) Oryza sativa (japonica cultivar-group) Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.
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30DGS--07-C02.b1 Rice leaf plasmid cDNA library I (30DGS) Oryza sativa (japonica cultivar-group) cDNA clone 30DGS--07-C02, mRNA
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oryza sativa (japonica cultivar-group)
Eukaryota, Viridiplantae, Streptophyta, Embryophyta; Tracheophyta;
Spermatophyta, Magnoliophyta, Liliopsida; Poales, Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
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                     Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeenggi, Korea Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
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Location/Qualifiers
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  bhnahm@ggbio.com,
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/lab_host="E.coli DH10B"
/clone_lib="Rice root plasmid cDNA library (14ROOT)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonuclectides and then used as templates for
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/clone="14ROOT--01-A17"
/tissue_type="root"
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/mol_type="mRNA"
/cultivar="Nackdong"
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Pred. No. 5.2e+02;
0; Mismatches 1;
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bhnahm@bio.myongji.ac.kr
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Roslin Midlothian, EH25 9PS, UNITED KINGDOM
Single pass sequencing. Bases called and trimmed with phred
Single pass sequencing. Bases called and trimmed with phred
v0.020425.c. Vector identified by cross match with the -minscore 20
and -minmatch 12 options. Vector:pBlueScriptII(SK+) R. Site1: EcoRI
and Site2: SmaI 5' Seq Primer T3 Normalised library constructed from
R. Site2: SmaI 5' Seq Primer T3 Normalised library constructed from
bovince ovary. Clones available from UK Centre for Functional
Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK,
EH25 9PS, www.arkgenomics.org.
Location/Qualifiers
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Unpublished (2004)
Contact: Anderson SI
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1 (bases 1 to 16)
1 (bases 1 to 16)
Anderson, S.I., Finlayson, H.A. and Archibald, A.L.
Development of cDNA and EST resources for studying
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Eukaryota; Metazoa;
Mammalia; Eutheria;
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                                                                                                                                                   /tissue_type="ovary"
/clone_Tib="KN261"
/clone_Tib="KN261"
/note="Vector: pBlueScriptII(SK+); Site_1: EcoRI; Site_2:
SmaI; Single pass sequencing. Normalised library
constructed from bovine ovary."
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                                                                                                                                                                                                                                                 /organism="Bos taurus"
/mol_type="mRNA"
/db_xref="taxon:9913"
/clone="KN261-046_F05"
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/cultivar="Nackdong"
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Pred. No. 5.5e+02;
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                                                                                                                                                                                                                                                                5402 CAAAAAAGAAAAA 5415
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E012843-024-019-015-T7 MPIZ-ADIS-024-storage root Beta vulgaris
cDNA clone 024-019-015 3-PRIME, mRNA sequence.
EQ590207
                                                    HD--09-D06.gl OsHDAC1-overexpressing transgenic rice library (HD) Oryza sativa (japonica cultivar-group) cHD--09-D06, mRNA sequence.

CF318894

CF318894
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Email: weisshaa@mpiz-koeln.mpg.de
Insert Length: 16 Std Error: 0.00
Plate: 19 row: 0 column: 15
Seq primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Weisshaar B
ADIS DNA core facility at MPIZ
Max-Planck-Institute for Plant Breeding Research
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 16)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core en Caryophyllales; Amaranthaceae; Beta.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Beta vulgaris
Oryza sativa (japonica cultivar-group)
                                      CF318894.1 GI:33690655
                                                                                                                                  CF318894
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                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                       Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinate Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                                                                                                                                                                                                                                                                                                                  SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /clone_lib="MPIZ-ADIS-024-storage root",
/note="Vector: pCMVSPORT6; Site_1: Salte_2: NotI;
/CDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tissue_type="storage root"
lab_host="EMDH10B"
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/clone="024-019-015"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="Beta vulgaris"
                                                                                                                                                                                                                                                                                                                    0.2%;
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                                                                                                                                                                                                                                                                                                     0;
                                                                                                                                                                                                                                                                                                   Score 12.4; DB 1; Length 1
Pred. No. 5.5e+02;
0; Mismatches 1; Indels
                                                                                                                                16 bp
                                                                                                                                mRNA
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                                                                                                                plasmid cDNA
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AUTHORS
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CF327923/c
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Best Local
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5402 CAAAAAAGAAAAA 5415
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Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 16)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.

1 (bases 1 to 16)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
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Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CF327923 16 bp mRNA linear EST 18-AUG-2003
NACL--02-J18.g1 Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--02-J18, mRNA
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of Bioscience and Bioinformatics, 
yongin, Kycengi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                            Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                                                                                                                                                                                                    Contact: Nahm B.H.
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Location/Qualifiers
                                                                                                         bhnahm@ggbio.com,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone lib="05H0AC1-overexpressing transgenic rice plasmid cDNA library (HD)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was treated with ABA(20um) for 1hr. Oligo-capped_mRNA wa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    derived from rice Histone Deacetylase overexpression
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/mol_type="mRNA"
/cultivar="Nackdong"
/organism="Oryza sativa (japonica
/mol_type="mRNA"
                                                                              Location/Qualifiers
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                                                                                                                                                                                     Korea
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                                                                                                         bhnahm@bio.myongji.ac.kr
                                                                                                                                                                                                              GreenGene Biotech Inc.; Division , MyongJi University
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                             cultivar-group)"
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RESULT 815
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CF328223/c
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AUTHORS
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Best Local Similarity
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Oryza sativa (japonica cultivar-group)
Dukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongdi University Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 16)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
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Oryza

NACL--03-A10.gl Rice callus plasmid cDNA library (NACL) Oryza
sativa (japonica cultivar-group) cDNA clone NACL--03-A10, mRNA
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Similarity 92.9%; Pred. No. 5.5e+02;
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/clone lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
                                                                                                                                                                                                                                                                 /clone lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped
with oligoribonucleotides and then used as templates for
RT-PCR."
                                                                                                                                                                                                                                                                                                                                                /organism="Oryza sativa (japonica cultivar-group)"
/mol type="mRNA"
/cultivar="Nackdong"
/db xxef="taxon:39947"
/clone="NACL--03-A10"
/tissue_type="callus"
/dev stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH108"
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/tissue_type="callus"
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                                                                                                                                                                            Score 12.4; DB 1;
Pred. No. 5.5e+02;
0; Mismatches 1;
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SOURCE
ORGANISM
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CF297251/c
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VERSION
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Best Local Similarity
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Other ESTs: 282335.5prime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov

Email: cgapbs-r@mail.nih.gov

Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP cDNA Library Preparation: Ling
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center: Vector
Trimming: cross match from University of Washingtion Genome Center
PHRAP suite. PoTy-T Identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: O contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 17 contiguous distinct peaks
following vector sequence.
Plate: LLCM9 row: C column: 8.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17 AAAAAAAAAAANNNAA 1
                                                                                                                                                                                                         sequence.
CF297251
Oryza sativa (japonica cultivar-group) Oryza sativa (japonica cultivar-group) Oryza sativa (japonica cultivar-group) Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzeae; Oryza.
                                                                                                                                                                                                                                                          CF297251
30DGS--07-P12.g1 Rice leaf plasmid cDNA library I (30DGS) Oryza sativa (japonica cultivar-group) cDNA clone 30DGS--07-P12, mRNA
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National Institutes of Health, Mammalian Gene Collection (MGC)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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//Ibb host "DHIOM (phage-resistant)"
//clone lib="NIH_MGC_7"
//clone lib="NIH_MGC_7"
//note="Organ: lung; Vector: pOTB7; Site 1: XhoI; Site 2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the following 5' adaptor: GECACGAG(G). Size-selected >500bp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2822335"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tissue_type="small cell carcinoma"
cell_line="MGC3"
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Pred. No. 5.8e+02;
0; .Mismatches 4;
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Matches 13
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopaida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza.
1 (bases I 17)
                                                                                                                                                                                                                                                                             Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University Yongin, Kyeongji, Korea Tel: 82 31 330 6193

Fax: 82 31 321 6355
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Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H.,

Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                  Large-scale Sequencing Analysis Unpublished (2003) Contact: Nahm B.H.
                                                                                                                                                                                                                                                                                                                                                                                                                                              Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
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7LEAF--01-K24.b1 Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--01-K24, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Yongin, Kyeonggi, Ko
Tel: 82 31 330 6193
Fax: 82 31 321 6355
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
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Similarity 92.9%;
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                                                                                                                                                                                                                                                            bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /dev_stage="30 days after germination"
/lab_host="E.coli DH10B"
/clone lib="Rice leaf plasmid cDNA library I (30DGS)"
/note="Vector: pCR4-TOPO; Site 1: ECRI; mRNA was capped
with oligoribonucleotides and then used as templates for
                                                                                                                                                                                                              Location/Qualifiers
1. .17
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|mol type="mRNA"
|cultivar="Nackdong"
|db xref="nackdong"
|clone="30DGS--07-P12"
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/clone="7LEAF--01-K24"
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/dev_stage="7 days after germination"
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                                                                                                                                        organism="Oryza sativa
/mol_type="mRNA"
/cultivar="Nackdong"
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                                                                                                                                                                                    (japonica cultivar-group)"
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/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

DB 1;

Length 17;

Gaps

0

Matches Query Match Best Local Similarity 13; Conservative 0.2%; 0, Score 12.4; DB 1; Pred. No. 5.8e+02; Mismatches Indels 0;

밁 S 5402 CAAAAAAGAAAAA 5415 16 САААААААААААА 3

Search completed: November Job time : 59 secs 2, 2004, 10:37:00